LG

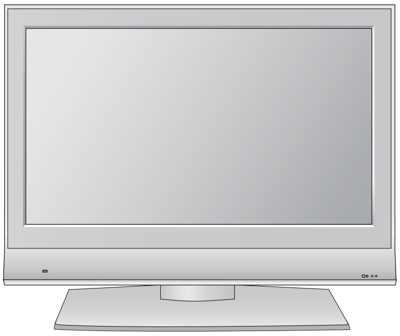
website:http://biz.LGservice.com

LCD TV
SERVICE MANUAL

CHASSIS : LD73A

MODEL : 32LC7D 32LC7D-ZA
32LC55 32LC55-ZA
32LC56 32LC56-ZC

CAUTION
BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



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SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by ⚠ in the Schematic Diagram and Replacement Parts List.
It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent Shock, Fire, or other Hazards.
Do not modify the original design without permission of manufacturer.

General Guidance

An **isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and it's components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this TV receiver is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Before returning the receiver to the customer,

always perform an **AC leakage current check** on the exposed metallic parts of the cabinet, such as antennas, terminals, etc., to be sure the set is safe to operate without damage of electrical shock.

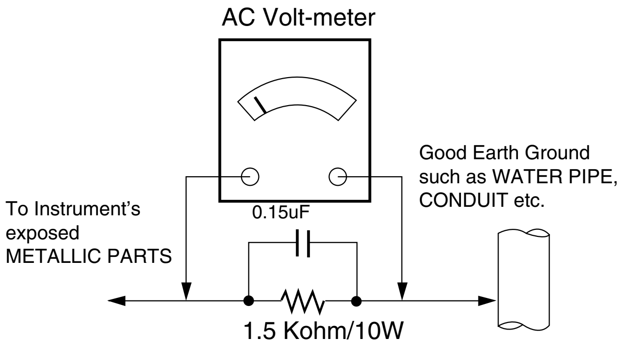
Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.
If the exposed metallic part has a return path to the chassis, the measured resistance should be between 1MΩ and 5.2MΩ.
When the exposed metal has no return path to the chassis the reading must be infinite.
An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)
Plug the AC cord directly into the AC outlet.

Do not use a line Isolation Transformer during this check.
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.
Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.
Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which is corresponds to 0.5mA.
In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



SERVICING PRECAUTIONS

CAUTION: Before servicing receivers covered by this service manual and its supplements and addenda, read and follow the *SAFETY PRECAUTIONS* on page 3 of this publication.

NOTE: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions on page 3 of this publication, always follow the safety precautions. Remember: Safety First.

General Servicing Precautions

1. Always unplug the receiver AC power cord from the AC power source before;
   a. Removing or reinstalling any component, circuit board module or any other receiver assembly.
   b. Disconnecting or reconnecting any receiver electrical plug or other electrical connection.
   c. Connecting a test substitute in parallel with an electrolytic capacitor in the receiver.
      CAUTION: A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.

2. Test high voltage only by measuring it with an appropriate high voltage meter or other voltage measuring device (DVM, FETVOM, etc) equipped with a suitable high voltage probe.
   Do not test high voltage by "drawing an arc".
3. Do not spray chemicals on or near this receiver or any of its assemblies.
4. Unless specified otherwise in this service manual, clean electrical contacts only by applying the following mixture to the contacts with a pipe cleaner, cotton-tipped stick or comparable non-abrasive applicator; 10% (by volume) Acetone and 90% (by volume) isopropyl alcohol (90%-99% strength)
   CAUTION: This is a flammable mixture.
   Unless specified otherwise in this service manual, lubrication of contacts in not required.
5. Do not defeat any plug/socket B+ voltage interlocks with which receivers covered by this service manual might be equipped.
6. Do not apply AC power to this instrument and/or any of its electrical assemblies unless all solid-state device heat sinks are correctly installed.
7. Always connect the test receiver ground lead to the receiver chassis ground before connecting the test receiver positive lead.
   Always remove the test receiver ground lead last.
8. *Use with this receiver only the test fixtures specified in this service manual.*
   CAUTION: Do not connect the test fixture ground strap to any heat sink in this receiver.

Electrostatically Sensitive (ES) Devices

Some semiconductor (solid-state) devices can be damaged easily by static electricity. Such components commonly are called *Electrostatically Sensitive (ES) Devices.* Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed to prevent potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static type solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

General Soldering Guidelines

1. Use a grounded-tip, low-wattage soldering iron and appropriate tip size and shape that will maintain tip temperature within the range or 500°F to 600°F.
2. Use an appropriate gauge of RMA resin-core solder composed of 60 parts tin/40 parts lead.
3. Keep the soldering iron tip clean and well tinned.
4. Thoroughly clean the surfaces to be soldered. Use a mall wire-bristle (0.5 inch, or 1.25cm) brush with a metal handle.
   Do not use freon-propelled spray-on cleaners.
5. Use the following unsoldering technique
   a. Allow the soldering iron tip to reach normal temperature. (500°F to 600°F)
   b. Heat the component lead until the solder melts.
   c. Quickly draw the melted solder with an anti-static, suction-type solder removal device or with solder braid.
      CAUTION: Work quickly to avoid overheating the circuitboard printed foil.
6. Use the following soldering technique.
   a. Allow the soldering iron tip to reach a normal temperature (500°F to 600°F)
   b. First, hold the soldering iron tip and solder the strand against the component lead until the solder melts.
   c. Quickly move the soldering iron tip to the junction of the component lead and the printed circuit foil, and hold it there only until the solder flows onto and around both the component lead and the foil.
      CAUTION: Work quickly to avoid overheating the circuit board printed foil.
   d. Closely inspect the solder area and remove any excess or splashed solder with a small wire-bristle brush.

IC Remove/Replacement

Some chassis circuit boards have slotted holes (oblong) through which the IC leads are inserted and then bent flat against the circuit foil. When holes are the slotted type, the following technique should be used to remove and replace the IC. When working with boards using the familiar round hole, use the standard technique as outlined in paragraphs 5 and 6 above.

Removal

1. Desolder and straighten each IC lead in one operation by gently prying up on the lead with the soldering iron tip as the solder melts.
2. Draw away the melted solder with an anti-static suction-type solder removal device (or with solder braid) before removing the IC.

Replacement

1. Carefully insert the replacement IC in the circuit board.
2. Carefully bend each IC lead against the circuit foil pad and solder it.
3. Clean the soldered areas with a small wire-bristle brush. (It is not necessary to reapply acrylic coating to the areas).

"Small-Signal" Discrete Transistor Removal/Replacement

1. Remove the defective transistor by clipping its leads as close as possible to the component body.
2. Bend into a "U" shape the end of each of three leads remaining on the circuit board.
3. Bend into a "U" shape the replacement transistor leads.
4. Connect the replacement transistor leads to the corresponding leads extending from the circuit board and crimp the "U" with long nose pliers to insure metal to metal contact then solder each connection.

Power Output, Transistor Device Removal/Replacement

1. Heat and remove all solder from around the transistor leads.
2. Remove the heat sink mounting screw (if so equipped).
3. Carefully remove the transistor from the heat sink of the circuit board.
4. Insert new transistor in the circuit board.
5. Solder each transistor lead, and clip off excess lead.
6. Replace heat sink.

Diode Removal/Replacement

1. Remove defective diode by clipping its leads as close as possible to diode body.
2. Bend the two remaining leads perpendicular y to the circuit board.
3. Observing diode polarity, wrap each lead of the new diode around the corresponding lead on the circuit board.
4. Securely crimp each connection and solder it.
5. Inspect (on the circuit board copper side) the solder joints of the two "original" leads. If they are not shiny, reheat them and if necessary, apply additional solder.

Fuse and Conventional Resistor Removal/Replacement

1. Clip each fuse or resistor lead at top of the circuit board hollow stake.
2. Securely crimp the leads of replacement component around notch at stake top.
3. Solder the connections.
   CAUTION: Maintain original spacing between the replaced component and adjacent components and the circuit board to prevent excessive component temperatures.

Circuit Board Foil Repair

Excessive heat applied to the copper foil of any printed circuit board will weaken the adhesive that bonds the foil to the circuit board causing the foil to separate from or "lift-off" the board. The following guidelines and procedures should be followed whenever this condition is encountered.

At IC Connections

To repair a defective copper pattern at IC connections use the following procedure to install a jumper wire on the copper pattern side of the circuit board. (Use this technique only on IC connections).

1. Carefully remove the damaged copper pattern with a sharp knife. (Remove only as much copper as absolutely necessary).
2. carefully scratch away the solder resist and acrylic coating (if used) from the end of the remaining copper pattern.
3. Bend a small "U" in one end of a small gauge jumper wire and carefully crimp it around the IC pin. Solder the IC connection.
4. Route the jumper wire along the path of the out-away copper pattern and let it overlap the previously scraped end of the good copper pattern. Solder the overlapped area and clip off any excess jumper wire.

At Other Connections

Use the following technique to repair the defective copper pattern at connections other than IC Pins. This technique involves the installation of a jumper wire on the component side of the circuit board.

1. Remove the defective copper pattern with a sharp knife. Remove at least 1/4 inch of copper, to ensure that a hazardous condition will not exist if the jumper wire opens.
2. Trace along the copper pattern from both sides of the pattern break and locate the nearest component that is directly connected to the affected copper pattern.
3. Connect insulated 20-gauge jumper wire from the lead of the nearest component on one side of the pattern break to the lead of the nearest component on the other side.
   Carefully crimp and solder the connections.
   CAUTION: Be sure the insulated jumper wire is dressed so the it does not touch components or sharp edges.

SPECIFICATION

NOTE : Specifications and others are subject to change without notice for improvement.

1. General Specification(TV)

No	Item	Specification	Remark
1.	Video input applicable system	PAL-D/K, B/G, I, SECAM	
2.	Receivable Broadcasting System	1) PAL/SECAM BG 2) PAL/SECAM DK 3) PAL I/I 4) SECAM L/L' 5) DVB-T	EU(PAL Market)
3.	RF Input Channel	VHF : E2 ~ E12 UHF : E21 ~ E69 CATV : S1 ~ S20 HYPER : S21~ S47	PAL
4.	Input Voltage	100 - 240~ / 50Hz, 60Hz	
5.	Market	EU	
6.	Picture Size	32 inch	
7.	Tuning System	FVS 100 program	PAL, 200 PR.(Option)
8.	Operating Environment	1) Temp : 0 ~ 40 deg 2) Humidity : 10~90 %	
9.	Storage Environment	3) Temp : -20 ~ 50 deg 4) Humidity : 10~90 %	
10.	Display	LCD Module	LPL

2. General Specification

<table>
<tr><th>No</th><th>Item</th><th colspan="3">Specification</th><th>Remark</th></tr>
<tr><td>1</td><td>Panel</td><td colspan="3">32" TFT WXGA LCD</td><td></td></tr>
<tr><td>2</td><td>Frequency range</td><td colspan="3">H : 45 ~ 50Khz
V : 47 ~ 63Hz</td><td>PC Input</td></tr>
<tr><td rowspan="2">3</td><td rowspan="2">Power consumption</td><td>26inch</td><td colspan="2">≤ 4.6 W</td><td></td></tr>
<tr><td>32inch</td><td colspan="2">≤ 5.54 W</td><td></td></tr>
<tr><td rowspan="5">4</td><td rowspan="5">LCD Module- LPL(32inch)</td><td>Type Size</td><td>32"</td><td>760.0 x 450.0 x 42.8(mm)</td><td>(H)x(V)x(D)</td></tr>
<tr><td>Pixel Pitch</td><td>32"</td><td>170.25 x 510.75 x RGB(μm)</td><td></td></tr>
<tr><td>Pixel Format</td><td colspan="2">1366 horiz. By 768 vert. Pixels
RGB strip arrangement</td><td></td></tr>
<tr><td>Coating</td><td colspan="2">Hard coating (3H), Anti-glare
reatment of the front polarizer</td><td></td></tr>
<tr><td>Back Light</td><td>32"</td><td>18EEFL</td><td></td></tr>
</table>

3. Optical Feature(LCD Module-LPL)

No	Item	Specification		Min.	Typ.	Max.	Remark
1	Viewing Angle [CR>10]	R/L, U/D		178, 178			
2	Luminance	Luminance(cd/m²)		320	400		32"
		Variation				1.3	MAX/MIN
3	Contrast Ratio	CR(32")		600	800		All White/All Black
		CR_D (With)(32")		1200	1600		All White/All Black
4	CIE Color Coordinates	White	Wx	Typ	0.285	Typ	LPL(26")
			Wy	-0.03	0.293	+0.03	
		Red	Xr		0.640		
			Yr		0.343		
		Green	Xg		0.280		
			Yg		0.605		
		Blue	Xb		0.145		
			Yb		0.065		

4. Component Video Input (Y, P_B, P_R)

No	Specification				Proposed
	Resolution	H-freq(kHz)	V-freq(Hz)		
1.	720x480	15.73	60.00	SDTV, DVD 480i	
2.	720x480	15.63	59.94	SDTV, DVD 480i	
3.	720x480	31.47	59.94	480p	
4.	720x576	15.625	50.00	SDTV, DVD 625 Line	
5.	720x576	31.25	50.00	HDTV 576p	
6.	1280x720	45.00	50.00	HDTV 720p	
7.	1280x720	44.96	59.94	HDTV 720p	
8.	1920x1080	31.25	50.00	HDTV 1080i	
9.	1920x1080	33.75	60.00	HDTV 1080i	
10.	1920x1080	33.72	59.94	HDTV 1080i	

6. RGB PC INPUT Mode Table

No	Resolution	H-freq(kHz)	V-freq.(Hz)	Pixel clock(MHz)	Proposed
1.	720X400	31.468	70.08	28.321	
2.	640X480	31.469	59.94	25.17	VESA
		37.684	75.00	31.50	
3.	800X600	37.879	60.31	40.00	VESA
		46.875	75.00	49.50	
4.	832X624	49.725	74.55	57.283	
5.	1024X768	48.363	60.00	65.00	VESA(XGA)
		56.470	70.00	75.00	
		60.123	75.029	78.75	
6.	1280X768	47.776	59.870	79.50	VESA(WXGA)
7.	1360X768	47.720	59.799	84.75	VESA(WXGA)
8.	1366X768	47.720	59.799	84.75	Supported
9.	1920X1080	67.50	60.00	148.50	

7. HDMI DTV Mode Table

No	Resolution	H-freq(kHz)	V-freq.(Hz)	Pixel clock(MHz)	Remark	Proposed
1.	640X480	31.50	59.94	25.175	SDTV 480p 60Hz	
2.	640X480	31.50	60	25.20	SDTV 480p 60Hz	
3.	720X480	31.47	59.94	27.00	SDTV 480p 60Hz	
4.	720X480	31.47	60	27.027	SDTV 480p 60Hz	
5.	720X576	31.25	50.00	27.000	SDTV 576p 50Hz	
6.	1280X720	45.00	50.00	74.176	HDTV 720p 50Hz	HDCP
7.	1280X720	44.96	59.94	74.176	HDTV 720p 60Hz	HDCP
8.	1280X720	44.96	60	74.250	HDTV 720p 60Hz	HDCP
9.	1920X1080	28.13	50.00	74.250	HDTV 1080i 50Hz	HDCP
10.	1920X1080	33.72	59.94	74.176	HDTV 1080i 60Hz	HDCP
11.	1920X1080	33.75	60	74.250	HDTV 1080i 60Hz	HDCP
12.	1920X1080	27	24	74.250	HDTV 1080P 24Hz	HDCP
13.	1920X1080	56.25	50.00	148.500	HDTV 1080P 50Hz	HDCP
14.	1920X1080	67.43	59.94	148.352	HDTV 1080P 60Hz	HDCP
15.	1920X1080	67.50	60	148.500	HDTV 1080P 60Hz	HDCP

8. HDMI INPUT Mode Table

No	Resolution	H-freq(kHz)	V-freq.(Hz)	Pixel clock(MHz)	Proposed
1.	720X400	31.468	70.08	28.321	
2.	640X480	31.469 37.684	59.94 75.00	25.17 31.50	VESA
3.	800X600	37.879 46.875	60.31 75.00	40.00 49.50	VESA
4.	832X624	49.725	74.55	57.283	
5.	1024X768	48.363 56.470 60.123	60.00 70.00 75.029	65.00 75.00 78.75	VESA(XGA)
6.	1280X768	47.776	59.870	79.50	VESA(WXGA)
7.	1360X768	47.720	59.799	84.75	VESA(WXGA)
8.	1366X768	47.720	59.799	84.75	Supported
9.	1920X1080	67.50	60.00	148.50	

ADJUSTMENT INSTRUCTION

1. Application Range

This spec. sheet is applied to all of the LD73A chassis manufactured at LG TV Plant all over the world.

2. Specification.

1) Because this is not a hot chassis, it is not necessary to use an isolation transformer.
   However, the use of isolation transformer will help to protect test instruments
2) Adjustment must be done in the correct sequence.
3) The adjustment must be performed at 25±5°C temperature and 65±10% relative humidity if there is no specified designation.
4) The input voltage of the receiver must be kept between 100-220V~, 50/60Hz.
5) Before adjustment, execute Heat-Run for 30 minutes at RF no signal.

3. Channel Memory

3.1. Setting up the LGIDS

1) Install the LGIDS
2) After installation, restart your PC.
3) Extract [files.zip] to folder [c:\LGIDS\files]
4) Start LGIDS.

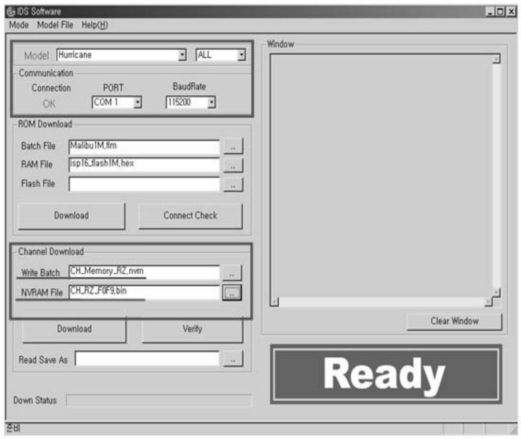
3.2 Channel memory method

1) Press TILT key in Adjust remocon(Automatic setting).
2) Setting up like bottom figure
   [Confirmation: Press ADJ Key in the Adjust remote control. Select **"System Control2"** by using ▲/▼ (CH+/-) key, and press ■ (ENTER). RS-232 Host : Gprobe, Baud Rate : 115200bps, Download:Cortez]

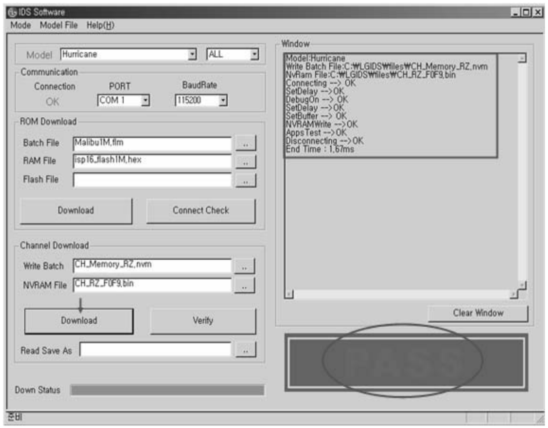




3) Connect RS232 cable .(Use the general RS-232C Twisted Serial Cable).
4) Operate LGIDS
5) Select "Hurricane" and "ALL" on Model dialog and check your connection in Communication dialog.
   (If your connection is 'NG', then set your PORT(COM1,2,3,...) correctly. If your connection has completed, you can see "Ready")
6) Select proper CH_memory file(*.nvm) for each model at [Channel Download] => [Write Batch].
   Next, select proper binary file(*.bin) including the CH information for each model at
   [Channel Download] => [NVRAM File].



7) Click the [Download] button.
   It means the completion of the CH memory download if all items show 'OK' and Status is changed by 'PASS' at the lower right corner of the window.



4. EDID

* Caution
  1) Use the proper signal cable for EDID Download
     - Analog EDID : Pin3 exists
     - Digital EDID : Pin3 exists
  2) Never connect HDMI & D-sub Cable at the same time.
  3) Use the proper cables below for EDID Writing.
  4) Download HDMI1, HDMI2 separately because HDMI1 is different from HDMI2.

For Analog EDID	For HDMI EDID	
D-sub to D-sub	DVI-D to HDMI or HDMI ro HDMI	
		

4.1. EDID Data

Item	Condition	Data(Hex)
Manufacurer ID	GSM	1E6D
Version	Digital : 1	01
Revision	Digital : 3	03

4.2. Data

(1) ANALOG (128 bytes)

	0x00	0x01	0x02	0x03	0x04	0x05	0x06	0x07	0x08	0x09	0x0A	0x0B	0x0C	0x0D	0x0E	0x0F
0x00	0	FF	FF	FF	FF	FF	FF	0	1E	6D	ⓐ		ⓑ			
0x01	ⓒ		1	3	1	46	27	78	EA	D9	B0	A3	57	49	9C	25
0x02	11	49	4B	A5	6E	0	31	40	45	40	61	40	D1	C0	1	1
0x03	1	1	1	1	1	1	1B	21	50	A0	51	0	1E	30	48	88
0x04	35	0	BC	86	21	0	0	1C	26	36	80	A0	70	38	1F	40
0x05	50	20	85	4	BC	86	21	0	0	18	ⓓ					
0x06	ⓓ												0	0	0	FD
0x07	0	3C	4B	1D	43	0E	0	0A	20	20	20	20	20	20	0	ⓔ-1

(2) HDMI 1 (256 bytes)=>

	0x00	0x01	0x02	0x03	0x04	0x05	0x06	0x07	0x08	0x09	0x0A	0x0B	0x0C	0x0D	0x0E	0x0F
0x00	0	FF	FF	FF	FF	FF	FF	0	1E	6D	ⓐ		ⓑ			
0x01	ⓒ		1	3	80	46	27	78	EA	D9	B0	A3	57	49	9C	25
0x02	11	49	4B	A5	6E	0	31	40	45	40	61	40	D1	C0	1	1
0x03	1	1	1	1	1	1	2	3A	80	18	71	38	2D	40	58	2C
0x04	45	0	C4	8E	21	0	0	1E	1B	21	50	A0	51	0	1E	30
0x05	48	88	35	0	BC	86	21	0	0	1C	ⓓ					
0x06	ⓓ												0	0	0	FD
0x07	0	32	4B	1C	43	0F	0	0A	20	20	20	20	20	20	1	ⓔ-2
0x00	2	3	21	F1	4E	2	11	1	3	12	13	4	14	5	21	1F
0x01	20	22	10	23	9	7	7	83	1	0	0	65	3	0C	0	10
0x02	0	1	1D	0	BC	52	D0	1E	20	B8	28	55	40	C4	8E	21
0x03	0	0	1E	1	1D	0	72	51	D0	1E	20	6E	28	55	0	C4
0x04	8E	21	0	0	1E	1	1D	80	D0	72	1C	16	20	10	2C	25
0x05	80	C4	8E	21	0	0	9E	8C	0A	D0	90	20	40	31	20	0C
0x06	40	55	0	C4	8E	21	0	0	18	4E	1F	0	80	51	0	1E
0x07	30	40	80	37	0	BC	88	21	0	0	18	0	0	0	0	ⓕ-1

=> Detail EDID Options are below (a, b, c, d, e-1, e-2, f-1, f-2)

(3) HDMI 2 (256 bytes)

	0x00	0x01	0x02	0x03	0x04	0x05	0x06	0x07	0x08	0x09	0x0A	0x0B	0x0C	0x0D	0x0E	0x0F
0x00	0	FF	FF	FF	FF	FF	FF	0	1E	6D	ⓐ		ⓑ			
0x01	ⓒ		1	3	80	46	27	78	EA	D9	B0	A3	57	49	9C	25
0x02	11	49	4B	A5	6E	0	31	40	45	40	61	40	D1	C0	1	1
0x03	1	1	1	1	1	1	2	3A	80	18	71	38	2D	40	58	2C
0x04	45	0	C4	8E	21	0	0	1E	1B	21	50	A0	51	0	1E	30
0x05	48	88	35	0	BC	86	21	0	0	1C	ⓓ					
0x06	ⓓ												0	0	0	FD
0x07	0	32	4B	1C	43	0F	0	0A	20	20	20	20	20	20	1	ⓔ-2
0x00	2	3	21	F1	4E	2	11	1	3	12	13	4	14	5	21	1F
0x01	20	22	10	23	9	7	7	83	1	0	0	65	3	0C	0	10
0x02	0	1	1D	0	BC	52	D0	1E	20	B8	28	55	40	C4	8E	21
0x03	0	0	1E	1	1D	0	72	51	D0	1E	20	6E	28	55	0	C4
0x04	8E	21	0	0	1E	1	1D	80	D0	72	1C	16	20	10	2C	25
0x05	80	C4	8E	21	0	0	9E	8C	0A	D0	90	20	40	31	20	0C
0x06	40	55	0	C4	8E	21	0	0	18	4E	1F	0	80	51	0	1E
0x07	30	40	80	37	0	BC	88	21	0	0	18	0	0	0	0	ⓕ-2

=> Detail EDID Options are below (a, b, c, d, e-1, e-2, f-1, f-2)

(a) Product ID
(b) Serial No: Controlled on production line.
(c) Month, Year: Controlled on production line:
  ex) Monthly : ‘09’ -> ‘09’
    Year : ‘2006’ -> ‘10’
(d) Model Name(Hex):

Nome di modello	Dait(Hex)
26LC4D-ZA	000000FC0032364C4334442D5A410A202020
26LC7D-ZA	000000FC0032364C4337442D5A410A202020
32LC4D-ZA	000000FC0033374C4334442D5A410A202020
32LC7D-ZA	000000FC0033324C4337442D5A410A202020
37LC4D-ZA	000000FC0033374C4334442D5A410A202020
37LC7D-ZA	000000FC0033374C4337442D5A410A202020
42LC4D-ZA	000000FC0034324C4334442D5A410A202020
42LC7D-ZA	000000FC0034324C4337442D5A410A202020

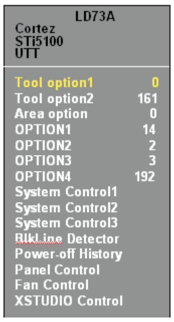
(e-1, e-2, f-1, f-2) Checksum: Changeable by total EDID data.

Nome di modello	ⓔ-1(Hex)	ⓔ-2(Hex)	ⓕ-1(Hex)	ⓕ-2(Hex)
26LC4D	90	CF	CC	BC
26LC7D	8D	CC	CC	BC
32LC4D	93	D2	CC	BC
32LC7D	90	CF	CC	BC
37LC4D	8E	CD	CC	BC
37LC7D	8B	CA	CC	BC
42LC4D	92	D1	CC	BC
42LC7D	8F	CE	CC	BC

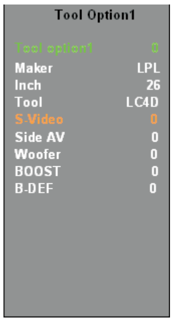
* Before AV ADC Calibration, should be executed the “Tool option 1”

5. Select method of Tool option 1

1) Press ADJ Key in the Adjust remote control.
2) Select “Tool option 1” by using ▲/▼ (CH+/-) key, and press ■(ENTER).



3)Select “Maker” by using ▲/▼ (CH+/-) key, and change the module maker and. applied module classification by using ◀/▶ (VOL+/-).
4) Select “Inch” by using ▲/▼ (CH+/-) key, and change the module according to the inch of model.
5) Select “Tool” by using ▲/▼ (CH+/-) key, and change the tool name according to the model.



(Inch of model : 26”, 32”, 37”, 42”, Applied module under the classification)

	Creatore	Pollice	Attrezzo
0	LPL	26	LD4D
64			LD7D
2	CMO		LD4D
66			LD7D
4	LPL	32	LD4D
68			LD7D
8	LPL	37	LD4D
72			LD7D
12	LPL	42	LD4D
76			LD7D

6. ADC Calibration

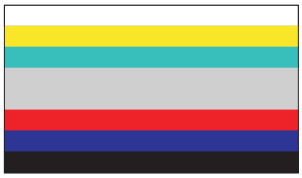
ADC	RF/AV/S-VIDEO		Component	RGB-PC
MSPG925F	PALJ		Model:215 (720P)	Model: 3
	INPUT SELECT	AV3	Pattern:65	(1024*768 60Hz)
	Model: 202 (PAL-BGDHI)		720P/50Hz	Pattern: 65
	Pattern: 65		7 Color Bar	
	PAL 7 Color Bar			

<Caution>
- System control RS-232 Host should be “PC” for adjustment.
- Before AV ADC Calibration, execute the “Module selection”.

6.1. Adjustment of RF/AV/S-VIDEO

(1) Required Equipments

- Remote controller for adjustment
- MSPG-925FS Pattern Generator (Which has Video Signal: 7 Color Bar Pattern shown in Fig. 1)
  => Model: 202 / Pattern: 65



<Fig. 1>

(2) Method of Auto RF/AV/S-VIDEO Color Balance.

1) Input the Video Signal: 7 Color Bar signal into AV3.
2) Set the PSM to Dynamic mode in the Picture menu.
3) Press **IN-START** key on R/C for adjustment.
4) Press the ▶(Vol.+) key to operate the set, then it becomes automatically.
5) Auto-RGB OK means the adjustment is completed.

6.2 Adjustment of Component.

(1) Required Equipments

- Remote controller for adjustment
- MSPG-925FS Pattern Generator (Which has 720p/60Hz YPbPr output Pattern shown in Fig. 1)
  => Model:215/Pattern: 65

(2) Method of Auto Component Color Balance

1) Input the Component 720p/50Hz 7 Color Bar(MSPG-925FS model:215, pattern:65) signal into Component.
2) Set the PSM to Dynamic mode in the Picture menu
3) Press the IN-START key on R/C for adjustment.
4) Press the ▶(Vol.+) key to operate the set , then it becomes automatically.
5) Auto-RGB OK means the adjustment is completed.

6.3 Adjustment of RGB

(1) Required Equipments

- Remote controller for adjustment
- MSPG-925F Pattern Generator
  (Which has XGA [1024*768] 60Hz 8 Color Bar pattern shown in Fig. 1)

(2) Method of Auto RGB Color Balance

1) Input the PC 1024x768@60Hz 100% Color Bar pattern (MSPG-925F model:37, pattern:33) into RGB. (Using D-sub to D-sub cable)
2) Set the PSM to Dynamic mode in Picture menu.
3) Press the IN-START key on R/C for adjustment
4) Press the ►(Vol.+) key operate To set , then it becomes automatically.
5) Auto-RGB OK means adjustment is completed.

*** Before White-balance, the AV ADC should be done.**

7. White Balance

* Test Equipment
Color Analyzer (CA-210/CH.9)
-> When you adjust LCD color temperature, on Color analyzer (CA-210), you should use Channel 9 which is Matrix compensated (White, Red, Green, Blue revised) by CS-1000 and adjust in accordance with White balance adjustment coordinate which is specified on the next.

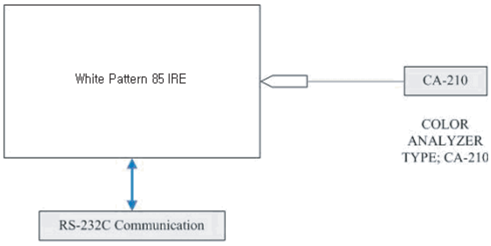
* Color temperature standards according to CSM and Module
Cool : 11,000k
Medium : 9,300k
Warm : 6,500k

* White balance adjustment coordinate and color temperature

Cool	CS-1000	CA-210(CH 9)
x	0.276	0.276±0.002
y	0.283	0.283±0.002
Δuv	0.000	0.000
Medium	**CS-1000**	**CA-210(CH 9)**
x	0.285	0.285±0.002
y	0.293	0.293±0.002
Δuv	0.000	0.000
Warm	**CS-1000**	**CA-210(CH 9)**
x	0.313	0.313±0.002
y	0.329	0.329±0.002
Δuv	0.004	0.004

- PC (for communication through RS-232C)
  -> UART Baud rate : 115200 bps
- Luminance Y AV : upper 150 cd/ß≥ (Typ : 350 cd/ß≥)
  -> Applying to Cool, Medium, Warm mode

* Connecting picture of the measuring instrument (On Automatic control)
Inside PATTERN is used when W/B is controlled. Connect to auto controller or push control R/C IN-START
-> Enter the mode of White-Balance, the pattern will come out.



<Fig. 2> Connecting picture (On Automatic Control)

* Auto-control interface and directions
1) Adjust in the place where the influx of light like floodlight around is blocked. (illumination is less than 10ux).
2) Adhere closely the Color Analyzer (CA-210) to the module less than 10cm distance, keep it with the surface of the Module and Color Analyzer's Prove vertically.(80~100°).
3) Aging time
   - After aging start, keep the power on (no suspension of power supply) and heat-run over 15 minutes.
   - Using 'no signal' or 'full white pattern' or the others, check the back light on.

7.1 Manual white Balance

- One of R Gain / G Gain / B Gain should be kept on 80, and others are controlled lowering from 80

1) Press 'power on' of the control R/C, set heat run to white by pressing ►, and heat run over 15 minutes. (Set : RS-233 Host : PC, Baud Rate : 115200bps, Download : Cortez)
2) Zero Calibrate CA-210, and when controlling, stick the sensor to the center of LCD module surface.
3) Double click In-start key on Controlling R/C and get in 'white balance'.
4) Set test-pattern on and display inside pattern. Control is carried out on three color temperature, COOL, MEDIUM, WARM. (Control is carried out three times,)

5) When the R/G/B GAIN is 80 on OSD, it is the FULL DYNAMIC Range of the Module. In order to control white balance without the saturation of FULL DYNAMIC Range and DATA, one of R Gain / G Gain / B Gain should be kept on 80, and other two is controlled lowering from 80.

* Color Temperature: Cool, Medium, Warm
1) When R GAIN is set to 80
   - Control G GAIN and B GAIN by lowering from 80.
2) When B GAIN is set to 80
   - Control R GAIN and G GAIN by lowering from 80.
3) When G GAIN is set to 80
   - Control R GAIN and B GAIN by lowering from 80.

One of R Gain / G Gain / B Gain should be kept on 80, and adjust other two lower than 80.
(When R/G/B GAIN are all 80, it is the FULL DYNAMIC Range of Module)

8. Set information(Serial No & Model name)

(1) Setting up like bottom figure (After setting white balance, this is set)

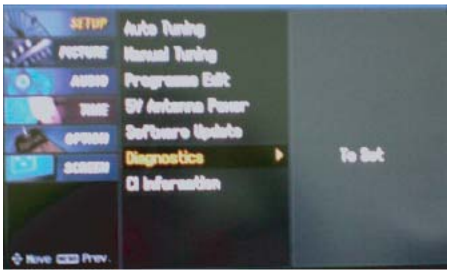
1) Press ADJ Key in the Adjust remocon.
2) Select "System Control 2" by using ▲/▼(CH+/-) key, and press ■(ENTER).
3) Using Adjust remocon, RS-232 Host & Baud Rate & Download value change (RS-232 Host:Gprobe, Baud Rate:115200bps, Download:Cortez)





(2) Bar-code scanning

1) Push the menu button in DTV mode.
   Select the STATION -> Diagnostics -> To set



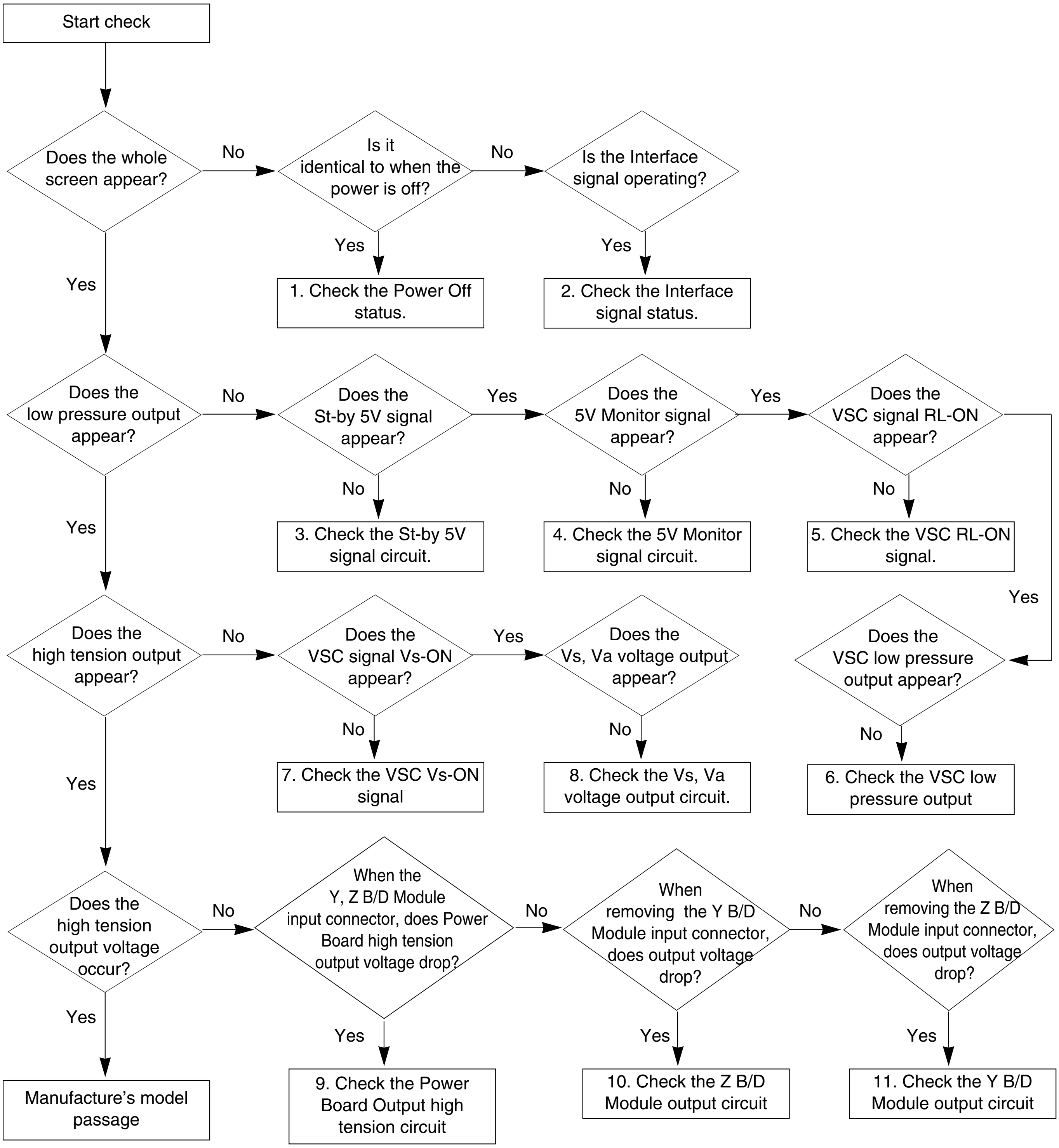
2) Check the Serial Number.



TROUBLESHOOTING

1. Power Board

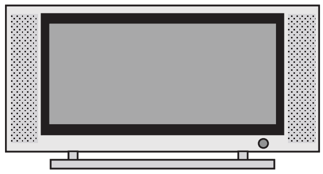
1-1. The full flowchart for the voltage output



2. No Power

(1) Symptom

1) Does not minute discharge at module.
2) Non does not come into the front LED.



(2) Procedure check

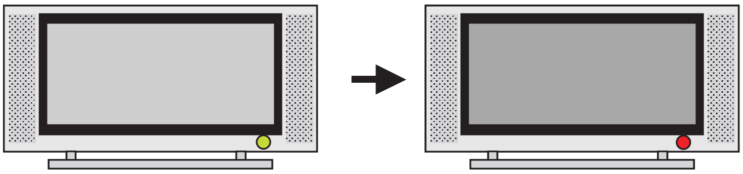
Check	No → Action
Is the power cord plugged in?	Plug in the power cord.
↓ Yes	
Is the Line Filter and Power Board Cable connected?	Connect the Cable.
↓ Yes	
Is the appropriate Fuse(F101) on the Power Board?	Replace the Fuse.
↓ Yes	
Is the Power Board and 13P of VSC Board Cable connected?	Connect the Cable.
↓ Yes	

After removing the cables, connect them to the Power Board(except the SC101 connection cable), and change the AC voltage marking to manual. When ST-BY 5V does not operate, replace the Power Board.

3. Protect Mode

(1) Symptom

1) After lighting up once, it does not discharge minutely from module.
2) The rely falls.(there is an audible “click”)
3) The color of the front LED turns from green to red.



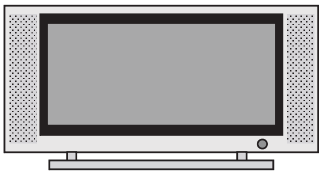
(2) Procedure check

Check (Yes → next row)	If No	Result	Action
Is the Power Board normal ?	Is the output Low/High voltage normal except for Stand-by 5V?	No	Replace the Power Board.
Is the each connector normal?	After connecting each connector do they operate normally?	Yes	Replace the connector.
Is the Y-Board normal?	Is the appropriate Fuse(FS101,FS102) on the Y-B/D normal?(Replace if open)	Yes	Is the output voltage normal after removing P103 connector of Y-B/D? — Yes → Replace the Y-Board.
Is the Z-Board normal?	Is the appropriate Fuse (FS1, FS2) on Z-B/D? (replace if open)	Yes	Is the output voltage normal after removing P1 connector of Z-B/D? — Yes → Replace the Z-Board.
Is the X- Board normal?	Is the output voltage normal after removing P1, 2, 3, 4, 5 connectors of the X-B/D?	Yes	If the output voltage is normal after removing the P1, P2, P3 : Replace the right X-B/D If the output voltage is normal after removing the P4, P5 : Replace the left X-B/D
Is the Ctrl Board normal?	Is the output voltage normal after removing P1, 2, 4, 9, 10 connectors of the Ctrl-B/D?	Yes	Replace the X-Board.
Is the VSC Board normal?	Is the output voltage normal after removing P900, P901 of VSC Board?	Yes	If it operates normally after removing the P900, P901 : Replace the VSC Board
Is the COF of X, Y, Z normal ?	After a COF crisis for each board, check the normal operation. For normal operation, corresponding COF failure means the module should be relaced.		

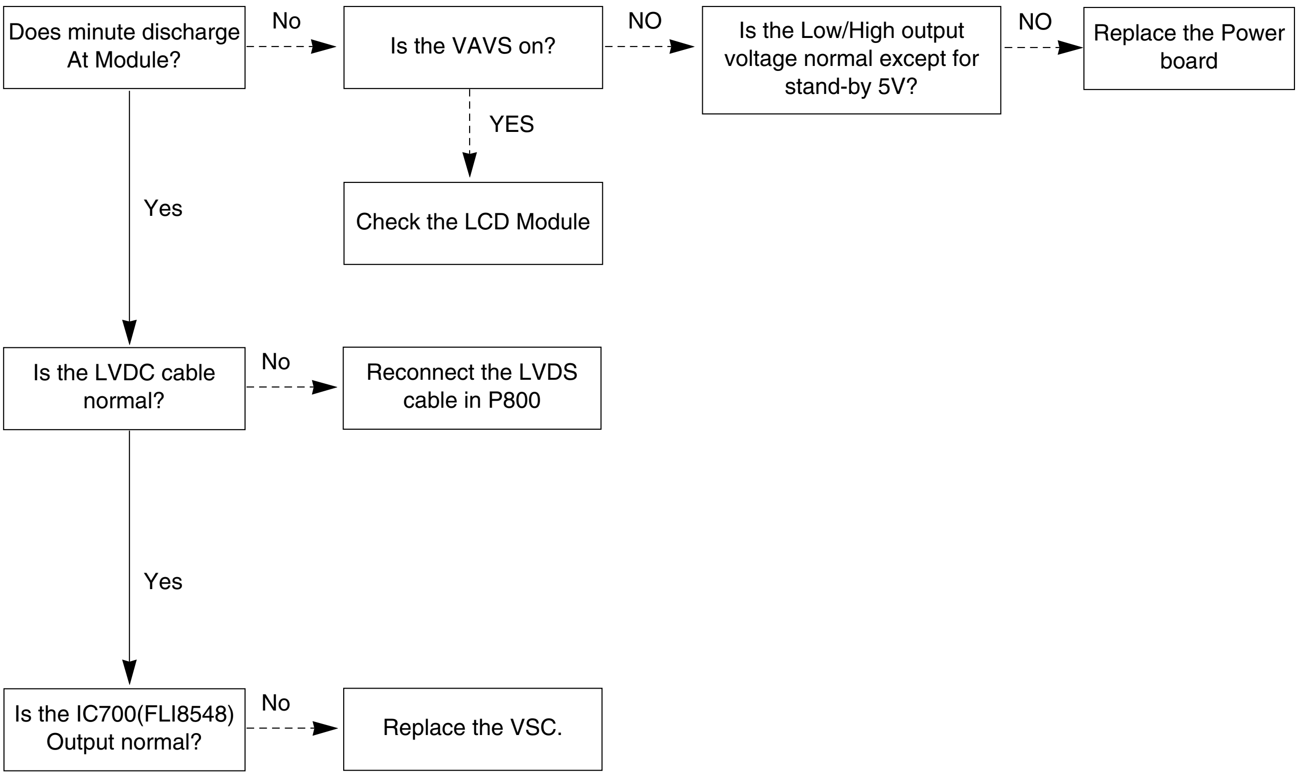
4. No Raster

(1) Symptom

1) No OSD and image occur at screen.
2) It maintains the condition where the front LED is green.



(2) Procedure check

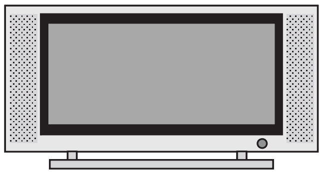


5. In case of strange screen display in specific modes

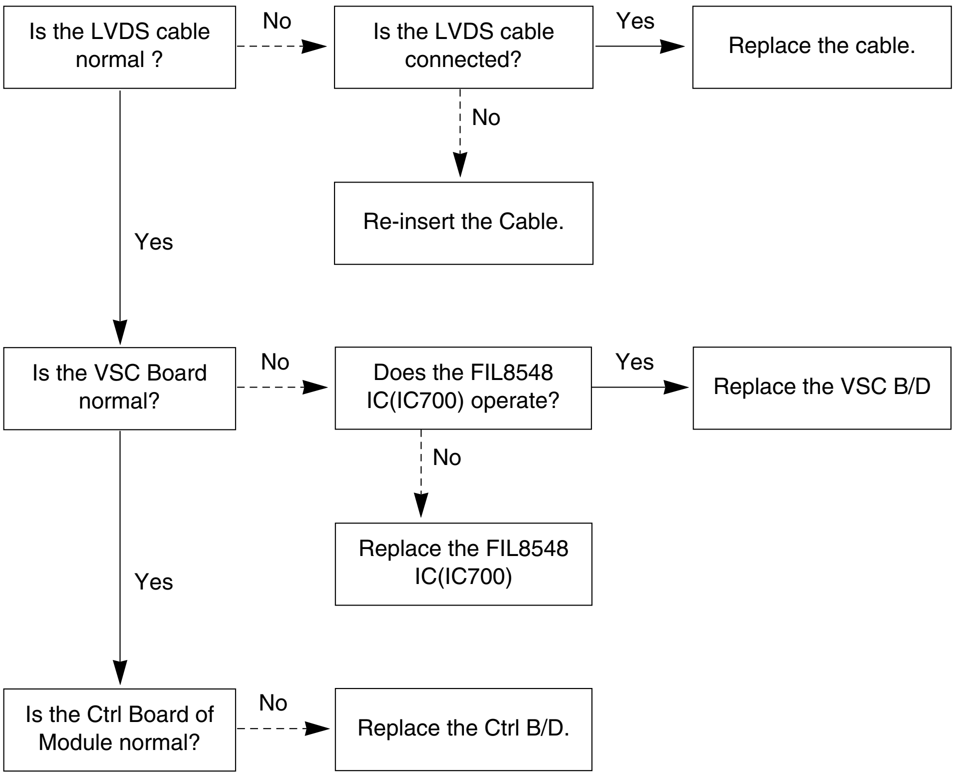
5-1. In case of no OSD display

(1) Symptom

1) LED is green.
2) The minute discharge is continuously accomplished from the module.



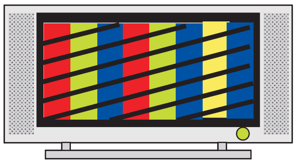
(2) Procedure check



5-2. In case there is no display on the screen in specific modes

(1) Symptom

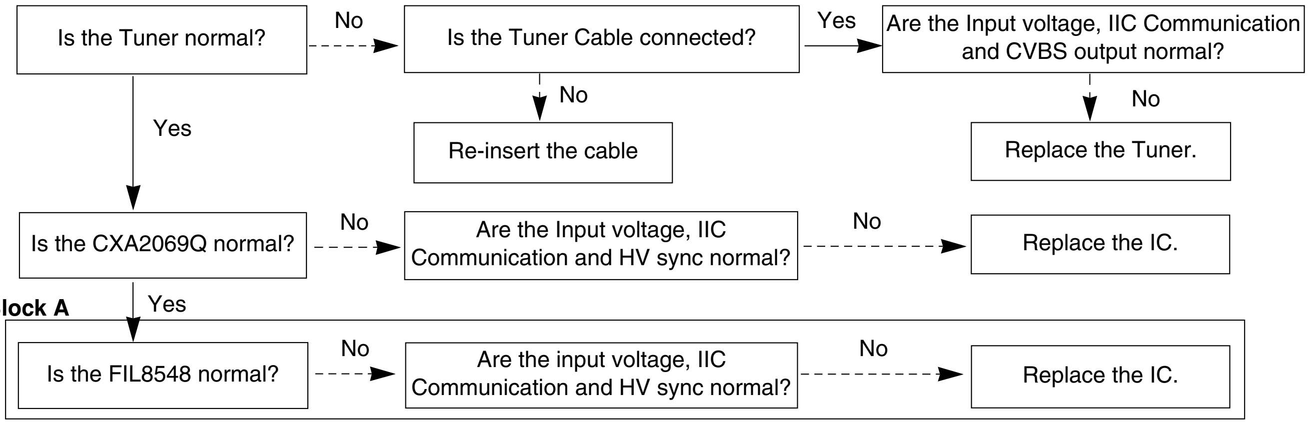
1) There is no screen display from a specific input mode
(RF, AV, Component, RGB, DVI).



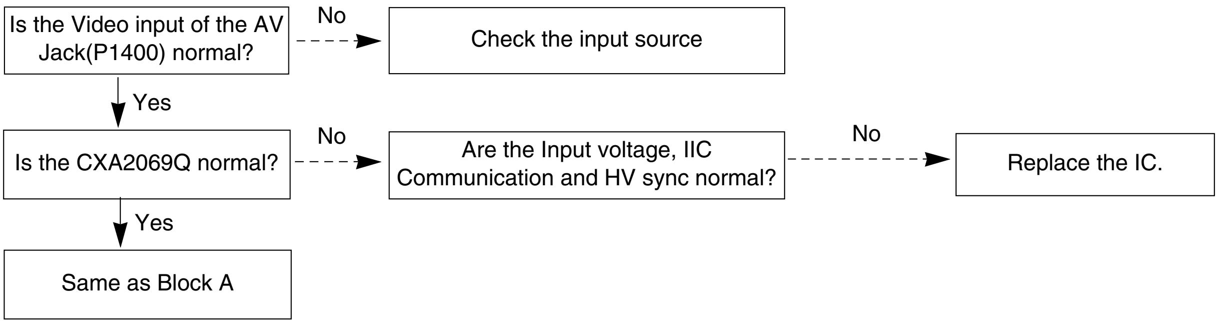
(2) Procedure check

1) Check the all input modes have normal display.
2) Check the video(main)/ data(sub), video(main)/ video(sub) have normal
displays from the PIP mode or DW mode(re-check it/ swap).

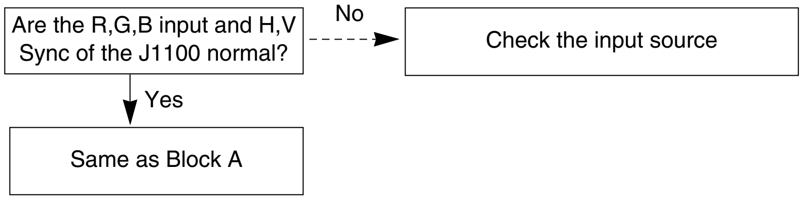
(3) In case of an unusual display in RF mode



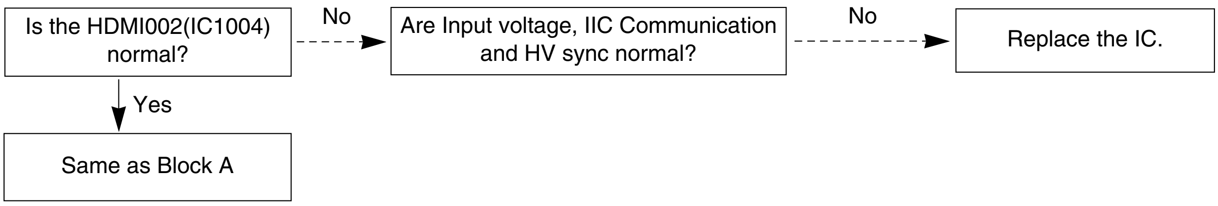
(4) In case of an unusual display in side S-video/ AV mode



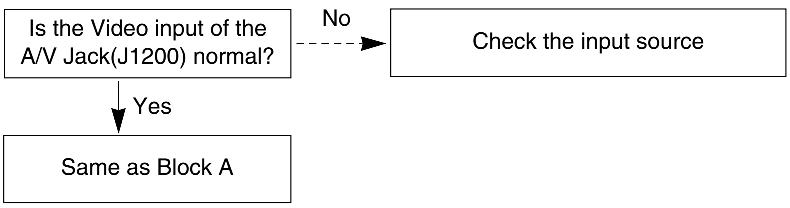
(5) In case of an unusual display in Component, RGB mode



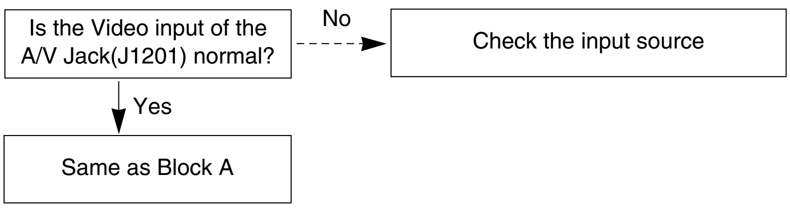
(6) In case of an unusual display in HDMI mode



(7) In case of an unusual display in SCART1 mode



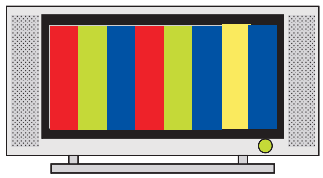
(8) In case of an unusual display in SCART2 mode



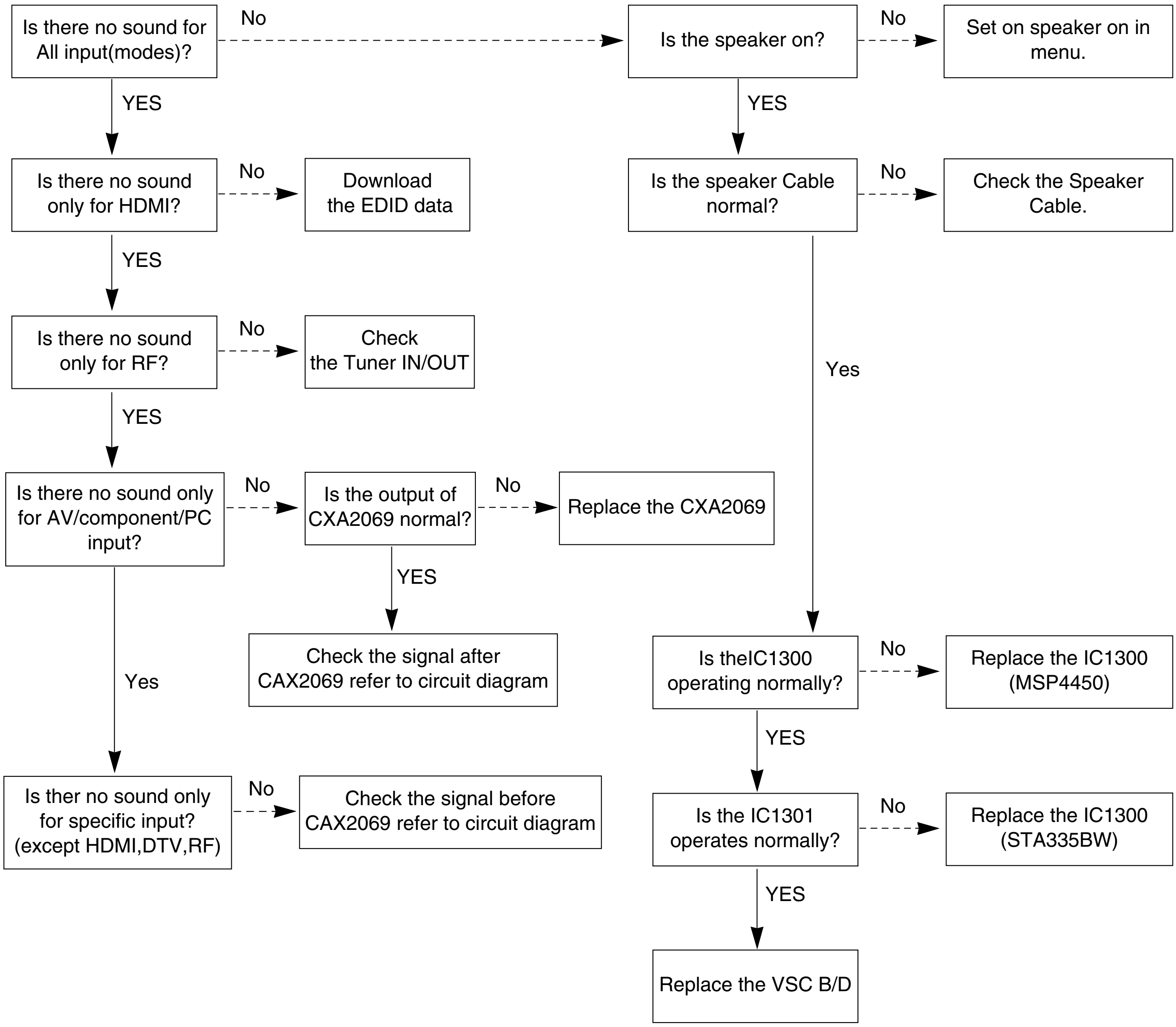
6. In case of no sound

(1) Symptom

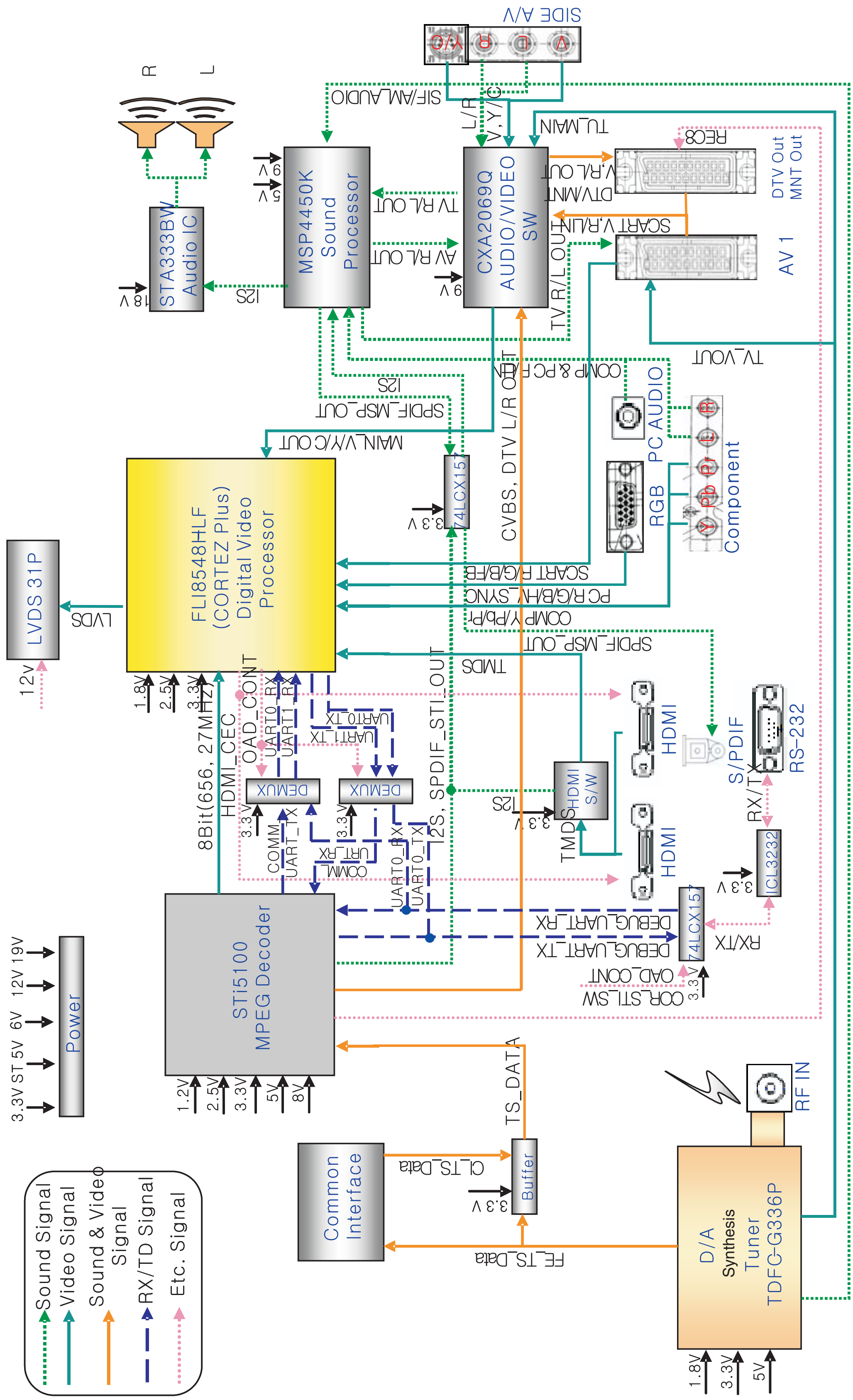
1) LED is Green.
2) Screen display appears but there is no sound.



(2) Procedure check

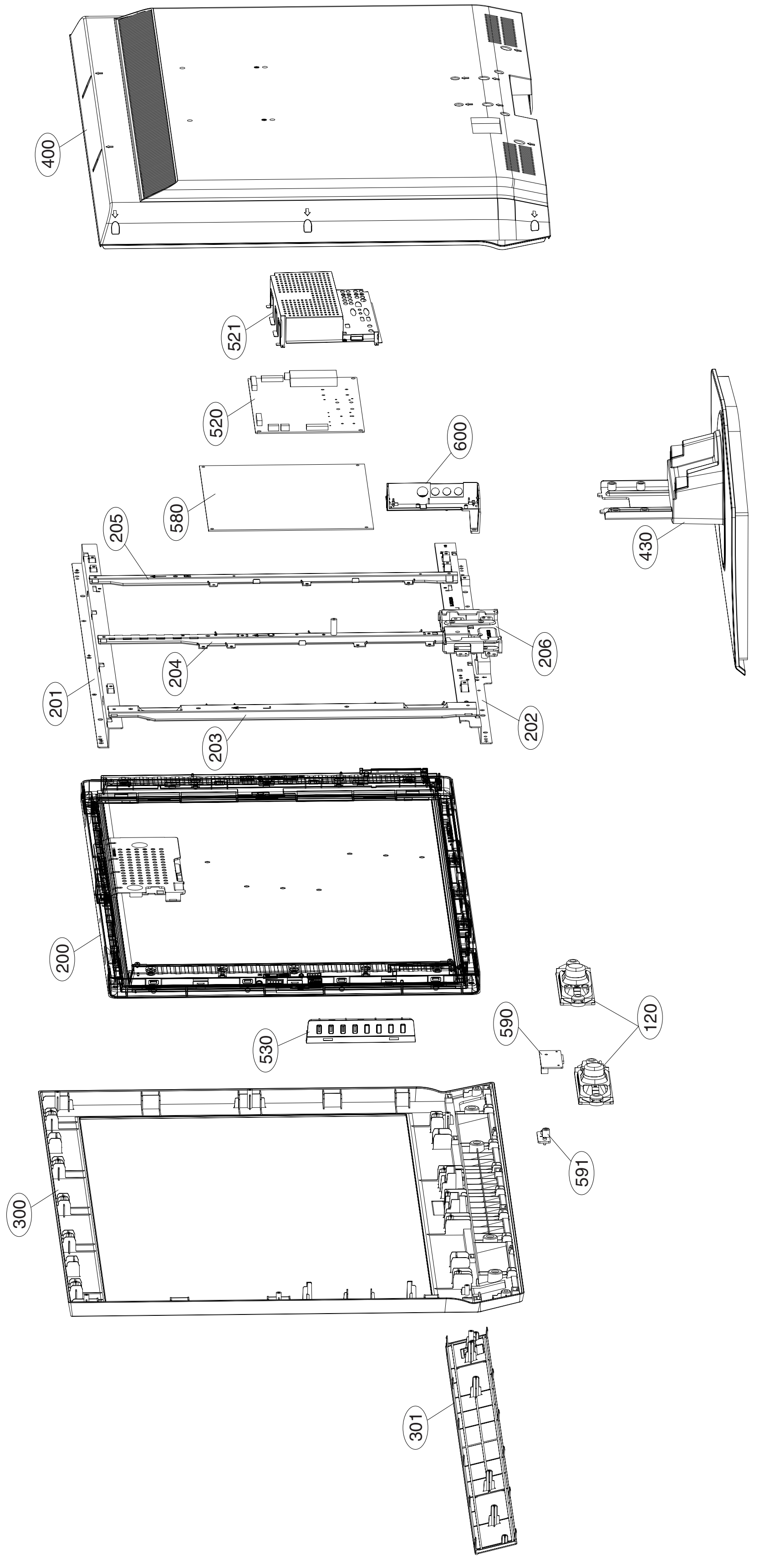


BLOCK DIAGRAM



MEMO

EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.		PART NO.	DESCRIPTION
	120	EAB33496901	Speaker,Full Range 5B084 ND 10W 8OHM 82DB 120HZ 147 X 42 X 31 LUG ESTEC
⚠	200	EAJ37543301	LCD,Module-TFT LC320WX4-SLD2 WXGA 32INCH 1366X768 500CD COLOR 72% 16/9
	201	MJH32520204	Supporter PRESS EGI 1.2t GUIDE EGI METAL BAR, TOP (32LC5) Europass3
	202	MJH32520404	Supporter PRESS EGI 1.2t GUIDE EGI METAL BAR, BOTTOM (32LC5) Europass3
	203	MJH32520501	Supporter PRESS EGI 1.0t GUIDE EGI METAL BAR, FOR POWER (32LC4)
	204	MJH32520601	Supporter PRESS EGI 1.0t GUIDE EGI METAL BAR, MIDDLE (32LC4)
	205	MJH32520701	Supporter PRESS EGI 1.0t GUIDE EGI METAL BAR, FOR MAIN (32LC4)
	206	MGJ32973601	Plate, PRESS SECC 1.6 SUPPORTER SBHG-A METAL JIG BOTTOM
⚠	300	ABJ32467302	Cabinet Assembly 32LC7DA LT73A 32” CABINET ASSY FOR TAIWAN
		ABJ32885603	Cabinet Assembly 32LC52-ZC LP78A 32” H&C + DIRECT Hole, C/SKD
	301	ABA33223901	Bracket Assembly GRILLE 32LC7 LP78A -
⚠	400	ACQ32467621	Cover Assembly,Rear 32LC55/7D-ZA LD73A - PHANTOM 32” EUROPASS3 BACK COVER
⚠	430	AAN31752703	Base Assembly STAND 32LC4 TOOL LA64F STAND ASSY C/SKD
		AAN31752704	Base Assembly STAND 32LC4 TOOL LA64F STAND ASSY C/SKD H&C
	520	EBR37029503	PCB Assembly,Main MAIN1 T.T LD73A 32LC4D-ZA SEUVLJG Separation-Tuner MAIN TOTAL
	521	MJH32521103	Supporter PRESS EGI 0.5t GUIDE EGI METAL, REAR SHIELD (32LC4)
		MJH32521113	Supporter PRESS EGI 0.5t GUIDE EGI METAL, REAR SHIELD (32LC4/7D-ZA)
	530	EBR34778401	PCB Assembly,Sub SUB T.T LD73A 37LC4D-ZN AEULLHX CONTROL TOTAL
⚠	580	EAY34795001	Power Supply Assembly LGIT_32inch FREE Tornado 32inch LCD LGIT LCD Tornado 32inch
	590	EBR35734601	PCB Assembly,Sub SUB T.T LD73A 42LC7D-ZA AEUVLHX IR/LED TOTAL
	591	MKC34384901	Window MOLD PMMA WINDOW 32/37/42/47LC7 PMMA LED & PRE AMP
		MES36332301	Indicator MOLD ABS LED&PRE AMP 47LC7 PMMA 7 PHY NONE
	600	EBR36262801	PCB Assembly,Sub SUB T.T LD73A 32LC7D-ZA AEUVLHX SIDE A/V TOTAL

REPLACEMENT PARTS LIST

DATE: 2007. 04. 02.

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		CAPACITORs
C1	0CH3104K566	0805B104K500CT 100nF 10% 50V X7R -55TO+125C
C100	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55TO+125C
C100	0CH5101K416	C2012C0G1H101JT 100pF 5% 50V C0G -55TO+125C
C100	0CH5101K416	C2012C0G1H101JT 100pF 5% 50V C0G -55TO+125C
C1003	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1004	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1005	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1006	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1007	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1008	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1009	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C101	0CE476VF6DC	VGV476M016S0ANE010 47uF 20% 16V 70MA -40TO+
C101	0CH5101K416	C2012C0G1H101JT 100pF 5% 50V C0G -55TO+125C
C101	0CK103BH56A	C1005X7R1E103KT- 10nF 10% 25V X7R -55TO+125
C1010	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C102	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -40TO+105
C102	0CE476VF6DC	VGV476M016S0ANE010 47uF 20% 16V 70MA -40TO+
C103	0CE476VF6DC	VGV476M016S0ANE010 47uF 20% 16V 70MA -40TO+
C103	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C104	0CH5471K416	C2012C0G1H471JT 470pF 5% 50V C0G -55TO+125C
C104	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55TO+125C
C105	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C106	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1068	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C107	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C108	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C109	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55TO+125C
C110	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -40TO+105
C1104	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1105	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1106	0CC120CK41A	C1608C0G1H120JT 12pF 5% 50V C0G -55TO+125C
C1108	0CC120CK41A	C1608C0G1H120JT 12pF 5% 50V C0G -55TO+125C
C111	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1116	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1119	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C112	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1120	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1121	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1123	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1125	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1128	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C113	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1133	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C1134	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C1135	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1136	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C114	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C115	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C116	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C117	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C118	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -40TO+105
C119	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C120	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1204	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50V C0G -55TO+125C
C1205	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1206	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R -55TO+125C 1
C1207	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1208	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R -55TO+125C 1
C1209	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50V C0G -55TO+125C
C121	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1210	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50V C0G -55TO+125C
C1211	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -55TO+125C
C1215	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -55TO+125C
C1216	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -55TO+125C
C1217	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -40TO+105
C122	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1225	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -40TO+105
C123	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1232	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C1234	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R -55TO+125C 1
C1235	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R -55TO+125C 1
C1236	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -40TO+105
C1237	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -40TO+105
C1239	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C124	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1244	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1246	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1247	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C125	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C126	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C127	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C128	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C129	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C130	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1300	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7R -55TO+125C 2
C1301	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1302	0CE108EH618	KMG5.0TP25VB1000M 1000uF 20% 25V 821MA -55T
C1303	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7R -55TO+125C 2
C1304	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1305	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1306	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V X7R -55TO+125C
C1307	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P -30TO+85C
C1308	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P -30TO+85C
C1309	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50V 19MA -40TO+1
C131	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1310	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50V 19MA -40TO+1
C1311	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1312	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1313	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C1314	0CC030CK01A	0603N3R0C500LT 3pF 0.25PF 50V C0G -55TO+125	C138	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1315	0CC030CK01A	0603N3R0C500LT 3pF 0.25PF 50V C0G -55TO+125	C139	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1316	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C140	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1317	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C0G -55TO+125C	C1400	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50V 19MA -40TO+1
C1318	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C0G -55TO+125C	C1401	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50V 19MA -40TO+1
C1319	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50V 14MA -40TO+1	C1402	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P -30TO+85C
C132	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C1403	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P -30TO+85C
C1320	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T	C1404	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1321	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T	C1407	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C1322	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C1408	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C1325	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105	C1409	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1326	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T	C141	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1327	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C1410	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -40TO+105
C1329	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T	C1411	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C133	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C1412	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1330	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C1413	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1332	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T	C1418	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1333	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -55TO+125C	C1419	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1335	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T	C142	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1338	0CK471CK56A	C1608X7R1H471KT 470pF 10% 50V X7R -55TO+125	C1420	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -30TO+85C
C134	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C1421	0CC820CK41A	C1608C0G1H820JT 82pF 5% 50V C0G -55TO+125C
C1340	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C1422	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1341	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50V 14MA -40TO+1	C1423	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1342	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C1426	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1343	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1	C1428	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -30TO+85C
C1344	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -40TO+105	C1429	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1345	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -40TO+105	C143	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1346	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T	C1439	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1347	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T	C144	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C135	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C1440	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -30TO+85C
C1350	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -40TO+105	C1441	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1351	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C1442	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -30TO+85C
C1352	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C1444	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1353	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V X7R -55TO+125C	C1445	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -30TO+85C
C1354	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0G -55TO+125C 1	C1447	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1355	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C1448	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C1356	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -55TO+125C	C1449	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -30TO+85C
C1357	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50V C0G -55TO+125C	C145	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1358	0CH2122K516	0805B122K500CT 1.2nF 10% 50V Y5P -30TO+85C	C1450	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1359	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C1451	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C136	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C1452	0CC150CK41A	C1608C0G1H150JT 15pF 5% 50V C0G -55TO+125C
C1360	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -55TO+125C	C1453	0CC150CK41A	C1608C0G1H150JT 15pF 5% 50V C0G -55TO+125C
C1361	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -55TO+125C	C146	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1362	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C147	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1363	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C148	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1364	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C149	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1365	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C150	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1366	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C151	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1367	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C152	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1368	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C153	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1369	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C154	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C137	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C155	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1370	0CF4741L430	PCMT365 76474 470nF 5% 63V MPE -40TO+85C NO	C156	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1371	0CF4741L430	PCMT365 76474 470nF 5% 63V MPE -40TO+85C NO	C157	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C1373	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C158	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C159	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C203	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C160	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C204	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C161	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C206	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C162	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C207	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C163	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C209	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -55TO+85C
C164	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C212	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -55TO+85C
C165	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C213	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -55TO+85C
C166	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -55TO+85C	C216	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -55TO+85C
C167	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -55TO+85C	C218	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C168	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -55TO+85C	C219	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C169	0CC100CK41A	C1608C0G1H100JT 10pF 5% 50V C0G -55TO+125C	C220	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C170	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C0G -55TO+125C	C221	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1700	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C222	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1701	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C	C224	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1702	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C226	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C1703	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C227	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C1704	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55TO+125C	C228	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1705	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C229	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1706	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C230	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1707	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C231	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1708	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105	C232	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C1709	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C233	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C171	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C234	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C1710	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C	C235	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C172	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C236	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C173	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C237	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C174	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C238	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C175	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C239	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C176	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C240	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C177	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C241	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C178	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C242	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C179	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C243	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C180	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C301	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C181	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -40TO+105	C302	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C182	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55TO+125C	C303	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C183	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C306	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C184	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C307	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C185	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C308	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C186	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C309	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C187	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C310	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C188	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C311	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C189	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C312	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C190	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C313	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C191	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C314	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C192	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C409	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C193	0CK822CK46A	0603B822J500CT 8.2nF 10% 50V X7R -55TO+125C	C410	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C194	0CK822CK46A	0603B822J500CT 8.2nF 10% 50V X7R -55TO+125C	C411	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C195	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C0G -55TO+125C	C412	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -40TO+105
C196	0CC100CK41A	C1608C0G1H100JT 10pF 5% 50V C0G -55TO+125C	C413	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C197	0CK475CC94A	C1608Y5V0J475ZT 4.7uF -20TO+80% 6.3V Y5V -3	C414	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -40TO+105
C198	0CK475CC94A	C1608Y5V0J475ZT 4.7uF -20TO+80% 6.3V Y5V -3	C415	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C199	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C	C429	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C200	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C	C430	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C201	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55TO+125C	C515	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C202	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -55TO+125C	C516	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C517	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA -40TO+1
C518	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C519	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C520	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C521	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C522	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C523	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C524	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA -40TO+10
C525	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C526	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C527	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C528	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA -40TO+1
C529	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C530	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C531	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C532	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C533	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C534	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA -40TO+1
C535	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55TO+125C
C537	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C539	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C540	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55TO+125C
C541	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C542	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C543	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C544	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C548	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C549	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C550	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C551	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C553	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C554	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55TO+125C
C555	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55TO+125C
C601	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -55TO+125C
C602	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C603	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C604	0CC100CK41A	C1608C0G1H100JT 10pF 5% 50V C0G -55TO+125C
C605	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C606	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C608	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -55TO+125C
C609	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C610	0CC271CK41A	C1608C0G1H271JT 270pF 5% 50V C0G -55TO+125C
C611	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C612	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -40TO+105
C613	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C615	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C616	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C623	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55TO+125C
C624	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55TO+125C
C625	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C626	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C627	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C630	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C633	0CK475CC94A	C1608Y5V0J475ZT 4.7uF -20TO+80% 6.3V Y5V -3
C635	0CK472CK56A	0603B472K500CT 4.7nF 10% 50V X7R -55TO+125C

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C636	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C637	0CK472CK56A	0603B472K500CT 4.7nF 10% 50V X7R -55TO+125C
C638	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C639	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C640	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C641	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55TO+125C
C642	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55TO+125C
C700	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C701	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C702	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C703	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C704	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C705	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C706	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C707	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C708	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C709	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C710	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C711	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C712	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C713	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C714	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C715	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C716	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C717	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C718	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C721	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C722	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C723	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C724	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C725	0CC200CK41A	C1608C0G1H200JT 20pF 5% 50V C0G -55TO+125C
C726	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C727	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C728	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C729	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C730	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C732	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C733	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C734	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C736	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C737	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C738	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C739	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C740	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C741	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C742	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C743	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C744	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C745	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C746	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C747	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C748	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55TO+125C
C749	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C750	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C751	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C752	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C753	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C754	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C755	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C756	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C757	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C758	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C759	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C760	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C761	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C762	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C763	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C764	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C765	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -40TO+105
C766	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C767	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C768	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C769	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C770	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C771	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C772	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C773	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C774	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C775	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C776	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C777	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C778	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C779	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C780	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C781	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C782	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C783	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C784	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C785	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C786	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C787	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C788	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C789	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C790	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C791	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C792	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C793	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C794	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C795	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C0G -55TO+125C
C796	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C797	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -40TO+105
C798	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C799	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C800	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C801	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C802	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C803	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C805	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C806	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C807	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C810	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C812	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C813	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C814	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C815	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C817	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C818	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C822	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -40TO+105
C824	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C826	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C828	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C830	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C831	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C834	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C835	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C836	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C838	0CK225DH94A	C2012Y5V225ZFT 2.2uF -20TO+80% 25V Y5V -30T
C840	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C841	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C844	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C846	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C847	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C850	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C851	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -30TO+85C
C852	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C853	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C854	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C855	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C856	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C857	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C859	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C860	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C861	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C862	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C863	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C864	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C865	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C866	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C867	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C868	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C869	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C870	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C875	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -55TO+125C
C900	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C901	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C903	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -40TO+105
C905	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C907	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C908	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -55TO+125C
C909	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C910	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C911	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C912	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -40TO+105
C914	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C915	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C917	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C924	0CE107WH6DC	MVK8.0TP25VC100M 100uF 20% 25V 180MA -40TO+
C925	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA -40TO+1
C928	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA -40TO+1
C929	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA -40TO+1
C931	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C932	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C933	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C934	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C935	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C937	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C954	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA -40TO+10
C955	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C956	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V Y5V -30T
C957	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C958	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C959	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C960	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C961	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C962	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C969	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C970	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C971	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C972	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C973	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C974	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C975	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA -40TO+1
C977	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -55TO+125C
C980	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55TO+125C
C981	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -40TO+105
DIODEs		
D100	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
D1000	0DD184009AA	KDS184 KDS184 TP KEC - 85V - - - 300MA KEC
D1001	0DD184009AA	KDS184 KDS184 TP KEC - 85V - - - 300MA KEC
D101	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
D102	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
D103	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
D104	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
D900	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW SOT23
D902	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW SOT23
D903	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW SOT23
D904	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW SOT23
D905	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW SOT23
D906	0DD100009AM	EU1ZV(1) 200V 2.5V 10UA 15A 400NSEC E1 TP 2
ZD100	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD101	0DZ510009AK	GDZJ5.1B 5.1V 4.94TO5.2V 80OHM 500MW DO34 T
ZD101	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
ZD102	0DZ510009AK	GDZJ5.1B 5.1V 4.94TO5.2V 80OHM 500MW DO34 T
ZD102	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
ZD103	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD104	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1100	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
ZD1101	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
ZD1104	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1105	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1106	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1107	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1108	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1109	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1112	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1113	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1114	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1201	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
ZD1202	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
ZD1203	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1211	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
ZD1212	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
ZD1218	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1219	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1220	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1221	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1222	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1223	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1224	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1226	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD123 R/TP
ZD1228	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
ZD1229	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SOD123 R/T
ZD1300	0DZRM00248A	RLZ8.2B 8.2V 7.78TO8.19V 8OHM 500MW LL34 R/
ICs		
IC100	0IPRP00703B	STI5100GUC 3.3V 5u 27M PBGA TR 336P SGS-TH
IC1002	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT 256x8BIT 1.8VTO5.5
IC1003	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT 256x8BIT 1.8VTO5.5
IC1004	EAN33595101	STHDMI002A 3.135TO3.465 9NSEC 9NSEC 66UW TQ
IC102	0ISTLPH026A	74LVC14APW 1.2TO3.6V 0.01mA SCHMITT TRIGGER
IC103	0IMP242560A	24LC256T-I/SM 256KBIT 256KX8BIT 2.5VTO5.5V
IC1100	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT 256x8BIT 1.8VTO5.5
IC1101	0IPH741400E	74HC14D 2TO6V 0.002mA SCHMITT TRIGGER INVER
IC1102	0IPRP00009A	ICL3232CBNZ 3VTO5.5V - SSOP R/TP 16P INTER
IC1104	0ITO741570C	TC74LCX157FT 2TO3.6V 0.01mA MULTIPLEXER TSS
IC1105	0IMCRFA018A	NC7SB3157P6X_NL 1.65TO5.5V 0.001mA SWITCH/M
IC1106	0IMCRFA018A	NC7SB3157P6X_NL 1.65TO5.5V 0.001mA SWITCH/M
IC1300	0IMCRMN028C	MSP4450K-QA-D6 7.6TO8.7V_4.75TO5.25V_3.15TO
IC1301	0ILNR00261C	STA335BW 5TO26V 0 10% 20W 0W 80dB 2 POWERSO
IC1400	0ISO206900A	CXA2069Q 8.5TO9.5V - - 1.3W QFP TR 64P - S
IC200	0IPMG78391A	SC2595STR 2.3TO5V 0 0W SOIC R/TP 8P SEMTEC
IC202	0IMMRIH038B	HYB25D(C)256160CE-5 256MBIT 4MX16BITX4BANKS
IC300	0ISTLPH003B	74LVC541APW 1.2TO3.6V 0.01mA BUFFER/LINE DR
IC301	0IMCRFA013A	74LCX244MTC 2TO3.6V 0.01mA BUFFER/LINE DRIV
IC302	0ISTLPH003B	74LVC541APW 1.2TO3.6V 0.01mA BUFFER/LINE DR
IC303	0IMCRFA013A	74LCX244MTC 2TO3.6V 0.01mA BUFFER/LINE DRIV
IC404	0ISTLPH026A	74LVC14APW 1.2TO3.6V 0.01mA SCHMITT TRIGGER
IC410	0ITO741570C	TC74LCX157FT 2TO3.6V 0.01mA MULTIPLEXER TSS
IC500	0IMCRSJ001A	SC1565IST-1.8 2.2TO5.5V 1.8V 0W SOT223 R/TP
IC501	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V 0W TO263 ST
IC502	0IMCRSJ001B	SC1565IST-2.5TR 2.2TO5V 2.5V 0W SOT223 R/TP
IC503	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK R/TP 5P KEC AM

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
IC504	0IPMGKE031A	KIA78R33F 4TO10V 3.3V 8W DPAK R/TP 5P KEC
IC505	0IPMGKE031A	KIA78R33F 4TO10V 3.3V 8W DPAK R/TP 5P KEC
IC506	0ISTL00029A	MC33078DR2G +-5TO+-18V 2mV 0.002% 0W 0W 80D
IC507	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK R/TP 5P KEC AM
IC600	0IPRP00602A	TPS2010ADR 2.7TO5.5V 8.6MSEC 3.4MSEC 727MW
IC700	EAN33595901	FLI8548H-LF-BE 300MVTO3.6V,300MVTO2.75V,300
IC701	0IMP242560A	24LC256T-I/SM 256KBIT 256KX8BIT 2.5VTO5.5V
IC702	EAN34099701	M2404HEPROM 4KBIT 512 x 8bit 2.5VTO5.5V 10M
IC801	0IMMRIH038B	HYB25D(C)256160CE-5 256MBIT 4MX16BITX4BANKS
IC804	0IPMG78391A	SC2595STR 2.3TO5V 0 0W SOIC R/TP 8P SEMTEC
IC900	0IPMGFA061A	FAN1587AD33X 4.8TO10.3V 3.3V 0W TO252 R/TP
IC901	0IPMGFA061A	FAN1587AD33X 4.8TO10.3V 3.3V 0W TO252 R/TP
IC902	0IPMG00107A	AZ1117H-2.5TR/E1 15V 2.5V 0W SOT223 R/TP 3P
IC903	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V 0W TO263 ST
IC904	EAN32662801	KA7809ERTM 35V to 40V 9V 1W DPAK R/TP 3P F
	TRANSISTORs & FETs	
IC803	EBK32753101	SI4925BDY P-CHANNEL MOSFET -30V +-20 -7.1A
Q100	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1001	0TR830009BA	BSS83 N-CHANNEL MOSFET 10V 2 50MA 45OHM 230
Q101	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1100	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1200	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1201	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1202	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1203	0TR102009AM	KRA102S PNP -30V 0V -50V -0.1A -0.0000005A
Q1204	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1300	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1301	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1302	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1303	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1304	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1305	0TR102009AM	KRA102S PNP -30V 0V -50V -0.1A -0.0000005A
Q1400	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1401	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1402	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q1403	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.15A -0.0
Q1404	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q400	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q401	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q402	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q500	0TR102009AM	KRA102S PNP -30V 0V -50V -0.1A -0.0000005A
Q502	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q503	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q504	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.15A -0.0
Q602	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.15A -0.0
Q603	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q604	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q606	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.15A -0.0
Q607	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.15A -0.0
Q608	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q609	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.15A -0.0
Q800	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q900	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70

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Q901	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q902	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q903	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q904	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
Q905	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA 100NA 70
	RESISTORs	
AR100	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR101	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR102	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR103	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR104	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR105	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR106	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR107	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR108	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR109	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR110	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR111	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R/TP 8P P
AR200	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R/TP 8P P
AR201	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R/TP 8P P
AR202	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R/TP 8P P
AR203	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R/TP 8P P
AR204	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R/TP 8P P
AR205	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R/TP 8P P
AR206	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R/TP 8P P
AR701	0RZZH033273	MNR04M0ABJ330 33OHM 5% 1/16W 4 SMD R/TP 8P
AR702	0RZZH033273	MNR04M0ABJ330 33OHM 5% 1/16W 4 SMD R/TP 8P
AR704	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4 SMD R/TP 8P 1
AR706	0RZZH033273	MNR04M0ABJ330 33OHM 5% 1/16W 4 SMD R/TP 8P
AR708	0RZZH033273	MNR04M0ABJ330 33OHM 5% 1/16W 4 SMD R/TP 8P
AR711	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4 SMD R/TP 8P 1
AR800	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD R/TP 8P
AR805	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD R/TP 8P
AR806	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD R/TP 8P
AR807	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD R/TP 8P
AR808	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD R/TP 8P
AR809	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD R/TP 8P
AR810	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD R/TP 8P
R100	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R100	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R101	0RD9101Q609	RDM94T1J9K10 9.1KOHM 5% 1/4W 3.2X1.8MM - AX
R101	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R101	0RH0752D622	MCR10EZHJ750 75OHM 5% 1/8W 2012 R/TP ROHM
R1016	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1017	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1018	0RJ6800D677	MCR03EZPJ681 680OHM 5% 1/10W 1608 R/TP ROH
R1019	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R102	0RD3301Q609	RDM94T1J3K30 3.3KOHM 5% 1/4W 3.2X1.8MM - AX
R102	0RH1302D622	MCR10EZHJ133 13KOHM 5% 1/8W 2012 R/TP ROHM
R102	0RH4700D622	MCR10EZHJ471 470OHM 5% 1/8W 2012 R/TP ROHM
R102	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1020	0RJ6800D677	MCR03EZPJ681 680OHM 5% 1/10W 1608 R/TP ROH
R1021	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM

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R1022	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM	R1117	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM
R1023	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM	R1118	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R103	0RD1101Q609	RDM94T1J1K10 1.1KOHM 5% 1/4W 3.2X1.8MM - AX	R1119	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R103	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM	R112	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R103	0RH2203D622	MCR10EZHJ224 220KOHM 5% 1/8W 2012 R/TP ROH	R112	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R103	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R1120	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1038	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1121	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R1039	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1122	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R104	0RD1100Q609	RDM94T1J110R 110OHM 5% 1/4W 3.2X1.8MM NONE	R1123	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R104	0RH2002D622	MCR10EZHJ203 20KOHM 5% 1/8W 2012 R/TP ROHM	R1124	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R104	0RH4700D622	MCR10EZHJ471 470OHM 5% 1/8W 2012 R/TP ROHM	R1125	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1040	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R/TP ROH	R1126	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R1041	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R/TP ROH	R1127	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1042	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R/TP ROH	R1128	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1043	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R/TP ROH	R1129	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1044	0RJ3301D677	MCR03EZPJ332 3.3KOHM 5% 1/10W 1608 R/TP RO	R113	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1049	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1130	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R105	0RD9101Q609	RDM94T1J9K10 9.1KOHM 5% 1/4W 3.2X1.8MM - AX	R1131	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R105	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM	R1133	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R105	0RH2203D622	MCR10EZHJ224 220KOHM 5% 1/8W 2012 R/TP ROH	R1134	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R105	0RH2700D622	MCR10EZHJ271 270OHM 5% 1/8W 2012 R/TP ROHM	R1135	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R105	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO	R1136	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1050	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1137	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1052	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1139	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1053	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R114	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1056	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH	R1140	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1057	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH	R1141	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1058	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/10W 1608 R/TP RO	R1148	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1059	0RJ2702D677	MCR03EZPJ273 27KOHM 5% 1/10W 1608 R/TP ROH	R1150	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R106	0RD3301Q609	RDM94T1J3K30 3.3KOHM 5% 1/4W 3.2X1.8MM - AX	R1151	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R106	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM	R1152	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R106	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM	R1157	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R106	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1158	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1060	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R/TP ROH	R1161	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1061	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R/TP ROH	R1162	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1065	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1164	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R107	0RD1101Q609	RDM94T1J1K10 1.1KOHM 5% 1/4W 3.2X1.8MM - AX	R1165	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R107	0RH0752D622	MCR10EZHJ750 75OHM 5% 1/8W 2012 R/TP ROHM	R1166	0RJ3301D677	MCR03EZPJ332 3.3KOHM 5% 1/10W 1608 R/TP RO
R108	0RD1100Q609	RDM94T1J110R 110OHM 5% 1/4W 3.2X1.8MM NONE	R1171	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R108	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM	R1185	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R109	0RH0752D622	MCR10EZHJ750 75OHM 5% 1/8W 2012 R/TP ROHM	R1186	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R110	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM	R119	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R110	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH	R120	0RJ1802D677	MCR03EZPJ183 18KOHM 5% 1/10W 1608 R/TP ROH
R1101	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH	R1200	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM
R1102	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM	R1201	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1103	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH	R1202	0RJ0682D677	MCR03EZPJ680 68OHM 5% 1/10W 1608 R/TP ROHM
R1104	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1203	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608 R/TP RO
R1107	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO	R1204	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R/TP ROH
R1108	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO	R1205	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO
R111	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM	R1207	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO
R111	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH	R1209	0RJ3002D677	MCR03EZPJ303 30KOHM 5% 1/10W 1608 R/TP ROH
R1113	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R121	0RJ1202D677	MCR03EZPJ123 12KOHM 5% 1/10W 1608 R/TP ROH
R1114	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO	R1210	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO
R1115	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1211	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608 R/TP RO
R1116	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO	R1212	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R1213	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608 R/TP RO	R1286	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R1214	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1287	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R1215	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/TP ROHM	R1288	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R1216	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/TP ROHM	R1289	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R1219	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R129	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R122	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R1290	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R1220	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO	R1291	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R1221	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1292	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R1222	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1293	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R1223	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO	R1300	0RJ6202D677	MCR03EZPJ623 62KOHM 5% 1/10W 1608 R/TP ROH
R1224	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM	R1301	0RJ2402D677	MCR03EZPJ243 24KOHM 5% 1/10W 1608 R/TP ROH
R1225	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/TP ROHM	R1302	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10W 1608 R/TP ROH
R1226	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/TP ROHM	R1303	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/10W 1608 R/TP RO
R1227	0RJ2201D477	MCR03EZPF222 2.2KOHM 1% 1/10W 1608 R/TP RO	R1304	0RJ0432D677	MCR03EZPJ430 43OHM 5% 1/10W 1608 R/TP ROHM
R1228	0RJ2201D477	MCR03EZPF222 2.2KOHM 1% 1/10W 1608 R/TP RO	R1305	0RJ0432D677	MCR03EZPJ430 43OHM 5% 1/10W 1608 R/TP ROHM
R1229	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1307	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R123	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO	R1308	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1230	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1309	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1231	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH	R131	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1235	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608 R/TP RO	R1310	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1236	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608 R/TP RO	R1311	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1237	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/TP ROHM	R1312	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1238	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/TP ROHM	R1313	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1239	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1314	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R124	0RJ1200C678	MCR01MZPJ121 120OHM 5% 1/16W 1005 R/TP ROH	R1315	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R1240	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1316	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R1241	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1317	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1242	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1318	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1243	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1319	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1244	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1320	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1245	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1321	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/TP ROHM
R125	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R1322	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/TP ROHM
R1259	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM	R1323	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608 R/TP RO
R126	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R1324	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608 R/TP RO
R1260	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/TP ROHM	R1327	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1261	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/TP ROHM	R1328	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R/TP ROH
R1262	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1329	0RJ0101D677	MCR03EZPJ1R0 1OHM 5% 1/10W 1608 R/TP ROHM
R1263	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R133	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1264	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1330	0RJ0101D677	MCR03EZPJ1R0 1OHM 5% 1/10W 1608 R/TP ROHM
R1270	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM	R1331	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1271	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM	R1332	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R/TP ROH
R1273	0RJ3301D677	MCR03EZPJ332 3.3KOHM 5% 1/10W 1608 R/TP RO	R1333	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R/TP ROH
R1274	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/TP ROHM	R1334	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R/TP ROH
R1275	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1338	0RJ3901D677	MCR03EZPJ392 3.9KOHM 5% 1/10W 1608 R/TP RO
R1276	0RJ3002D677	MCR03EZPJ303 30KOHM 5% 1/10W 1608 R/TP ROH	R134	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1277	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO	R1345	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1278	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO	R1346	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1279	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R/TP ROH	R1347	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1608 R/TP ROHM
R128	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R1348	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1608 R/TP ROHM
R1280	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM	R1349	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1608 R/TP ROHM
R1281	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM	R1350	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1608 R/TP ROHM
R1282	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO	R1351	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/TP ROHM
R1283	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608 R/TP RO	R1352	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/TP ROHM
R1284	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM	R1353	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/TP ROHM
R1285	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM	R1354	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/TP ROHM

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R1355	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/TP ROHM	R1454	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608 R/TP RO
R1356	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/TP ROHM	R1455	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1357	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/TP ROHM	R1456	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/10W 1608 R/TP RO
R1358	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/TP ROHM	R146	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/10W 1608 R/TP RO
R1359	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1460	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R136	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO	R1461	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R1360	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1462	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R1361	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1463	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/10W 1608 R/TP RO
R1362	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1465	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R1363	0RD3301A609	RDM92T1J3K30 3.3KOHM 5% 1/2W 6.5X2.3MM - AX	R1466	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005 R/TP RO
R1364	0RJ7500D677	MCR03EZPJ751 750OHM 5% 1/10W 1608 R/TP ROH	R1467	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R1365	0RJ7500D677	MCR03EZPJ751 750OHM 5% 1/10W 1608 R/TP ROH	R1468	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005 R/TP RO
R1366	0RJ7500D677	MCR03EZPJ751 750OHM 5% 1/10W 1608 R/TP ROH	R1469	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R1367	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W 3216 R/TP . ROH	R147	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R137	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R1477	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R138	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH	R1478	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R139	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R148	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R140	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R149	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/10W 1608 R/TP RO
R1400	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/10W 1608 R/TP RO	R150	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1401	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO	R151	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO
R1402	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R152	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1403	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R153	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO
R1404	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM	R154	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1405	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM	R155	0RJ3303D677	MCR03EZPJ334 330KOHM 5% 1/10W 1608 R/TP
R1406	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R157	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1407	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1607	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1408	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R1608	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1409	0RJ1500D677	MCR03EZPJ151 150OHM 5% 1/10W 1608 R/TP ROH	R1609	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1410	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R162	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1411	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R/TP ROH	R163	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1412	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R/TP ROH	R164	0RJ1202D677	MCR03EZPJ123 12KOHM 5% 1/10W 1608 R/TP ROH
R1413	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM	R165	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1414	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R166	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1415	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R/TP ROH	R167	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1416	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R/TP ROH	R168	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1417	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R169	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1418	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R170	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1419	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R1703	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R142	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R1704	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R1420	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R1706	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1005 R/TP ROHM
R1421	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R1708	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1422	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R1709	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1423	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R1710	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R1429	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1005 R/TP ROHM	R1713	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R143	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/10W 1608 R/TP RO	R1715	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1430	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005 R/TP RO	R1716	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R1431	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005 R/TP RO	R1717	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1433	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH	R1718	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R1436	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005 R/TP RO	R1719	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1438	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005 R/TP RO	R1720	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R1439	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH	R1721	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R144	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM	R1722	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/10W 1608 R/TP RO
R145	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/10W 1608 R/TP RO	R1724	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1005 R/TP ROHM
R1452	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH	R1726	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1453	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608 R/TP RO	R1727	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R1728	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1729	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R173	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1730	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1731	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1732	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1733	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1734	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1735	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1736	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1737	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1738	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1739	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1740	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1741	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1742	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R1743	0RJ1000D477	MCR03EZPF101 100OHM 1% 1/10W 1608 R/TP ROH
R1744	0RJ1500D477	MCR03EZPF151 150OHM 1% 1/10W 1608 R/TP ROH
R1745	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1747	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1748	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1749	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R175	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R1750	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R1751	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R1752	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1753	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1754	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005 R/TP RO
R1758	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1759	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R1760	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R1761	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1762	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1763	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R1764	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R1765	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1766	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1767	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R1768	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1769	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R177	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO
R1770	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R1771	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R1773	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1774	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R1775	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1776	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1777	0RJ2201C678	MCR01MZPJ222 2.2KOHM 5% 1/16W 1005 R/TP RO
R1778	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R178	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R1780	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R1784	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R1788	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R179	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO
R180	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R183	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10W 1608 R/TP ROH
R184	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10W 1608 R/TP ROH
R185	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO
R186	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO
R187	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/TP - RO
R188	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R189	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W 3216 R/TP . ROH
R192	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R193	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R195	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R196	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R197	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R200	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R201	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R202	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R203	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R204	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R205	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R206	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R207	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R208	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R209	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R210	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R211	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R212	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R213	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R214	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R215	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R216	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R217	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R218	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R219	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R220	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R221	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R222	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R223	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R224	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R225	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R226	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R227	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R228	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R229	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R230	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R231	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R232	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R233	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R234	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R235	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R236	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R237	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R238	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R239	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R241	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R242	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R243	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R244	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R245	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R246	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R247	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R248	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R249	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R250	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R251	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R255	0RJ4701D477	MCR03EZPF472 4.7KOHM 1% 1/10W 1608 R/TP RO
R256	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R257	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R258	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R259	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R260	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R301	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R302	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R303	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R304	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R305	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R306	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R309	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R310	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R311	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R312	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R313	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R314	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R315	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R316	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R319	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R320	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R321	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R322	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R323	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R324	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R325	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R326	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R329	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R403	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R407	0RJ1202D677	MCR03EZPJ123 12KOHM 5% 1/10W 1608 R/TP ROH
R412	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R413	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R414	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R415	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R416	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R417	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R421	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R422	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R437	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R438	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R439	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R441	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R446	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R448	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R521	EBC32306001	MCR03EZP5FX9100 910OHM 1% 1/10W 1608 R/TP
R522	0RJ9311D477	MCR03EZPF9311 9.31KOHM 1% 1/10W 1608 R/TP

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R523	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R524	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R526	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/TP ROHM
R527	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/TP ROHM
R528	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R531	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R534	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R536	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R537	0RJ1502D677	MCR03EZPJ153 15KOHM 5% 1/10W 1608 R/TP ROH
R539	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R540	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R541	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R543	0RJ1502D677	MCR03EZPJ153 15KOHM 5% 1/10W 1608 R/TP ROH
R544	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R547	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R548	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R550	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R554	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R555	0RJ2202D677	MCR03EZPJ223 22KOHM 5% 1/10W 1608 R/TP ROH
R556	0RJ4302D677	MCR03EZPJ433 43KOHM 5% 1/10W 1608 R/TP
R557	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R558	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R600	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R603	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R604	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R605	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R606	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R607	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R608	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R609	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R610	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R611	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R612	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R613	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R624	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R625	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R626	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R627	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/10W 1608 R/TP RO
R629	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R632	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R633	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/TP ROHM
R636	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R637	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10W 1608 R/TP ROH
R639	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W 1608 R/TP ROHM
R640	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R642	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R644	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R646	0RJ2700D677	MCR03EZPJ271 270OHM 5% 1/10W 1608 R/TP ROH
R647	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R/TP ROH
R648	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R649	0RJ1500D677	MCR03EZPJ151 150OHM 5% 1/10W 1608 R/TP ROH
R650	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R651	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R652	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/TP ROHM
R653	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R654	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R655	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R657	0RJ0102D677	MCR03EZPJ100 10OHM 5% 1/10W 1608 R/TP ROHM
R658	0RJ2201D677	MCR03EZPJ222 2.2KOHM 5% 1/10W 1608 R/TP RO
R659	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R662	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R663	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R664	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R665	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R666	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R667	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R668	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R669	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R670	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R671	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R672	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R673	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R674	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R675	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R676	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R677	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R678	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R679	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R680	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R681	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R682	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R684	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R685	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R686	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R687	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R688	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP ROHM
R701	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R702	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R703	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R704	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/TP ROHM
R705	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R707	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R/TP ROH
R708	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R709	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R710	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R711	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R/TP ROH
R712	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R713	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1005 R/TP ROHM
R717	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R718	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R720	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R/TP ROH
R722	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R723	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R724	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R725	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R726	0RJ3900C678	MCR01MZP5J391 390OHM 5% 1/16W 1005 R/TP RO
R727	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R728	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R729	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R733	0RJ0562D677	MCR03EZPJ560 56OHM 5% 1/10W 1608 R/TP ROHM

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R734	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R735	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R737	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R739	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R740	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R741	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R743	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/TP ROHM
R744	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/TP ROHM
R745	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R746	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R747	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R748	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R751	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R754	0RJ0562D677	MCR03EZPJ560 56OHM 5% 1/10W 1608 R/TP ROHM
R755	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R/TP ROH
R756	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R757	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R759	0RJ0562D677	MCR03EZPJ560 56OHM 5% 1/10W 1608 R/TP ROHM
R762	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R/TP ROH
R764	0RJ0562D677	MCR03EZPJ560 56OHM 5% 1/10W 1608 R/TP ROHM
R767	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R769	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R770	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R771	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R772	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R775	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R777	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1005 R/TP ROHM
R778	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R/TP ROH
R779	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R780	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R781	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R782	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R/TP ROH
R783	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R/TP ROH
R784	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R785	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R786	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R787	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R788	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R790	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/TP ROHM
R791	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R792	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R793	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R/TP ROH
R794	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R/TP ROH
R795	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R796	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R797	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R/TP ROH
R799	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R800	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R801	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R805	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R807	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R808	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R810	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R811	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/TP ROHM
R812	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH

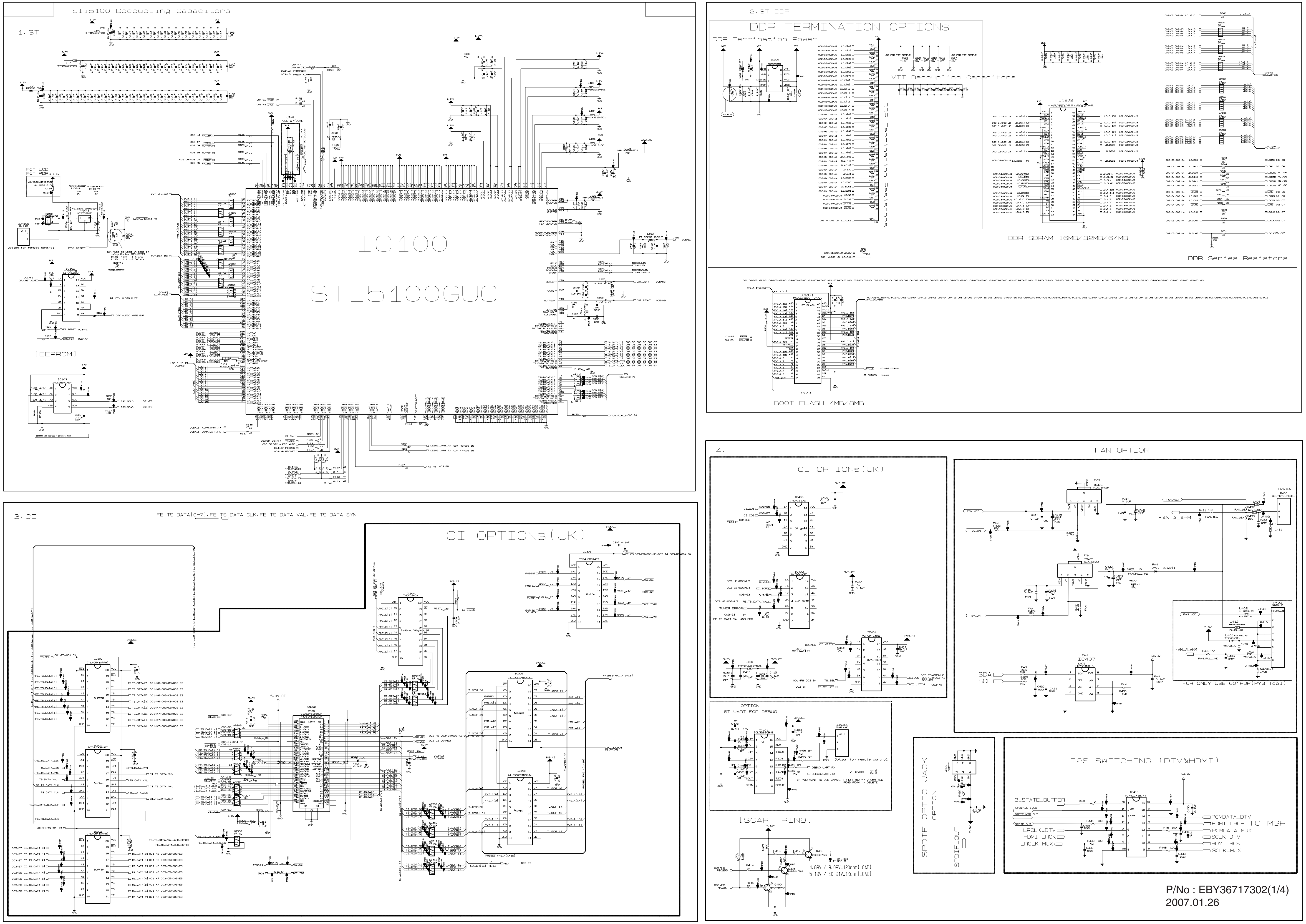
LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R813	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/TP - RO
R816	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R818	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R821	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R822	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R823	0RJ2700C678	MCR01MZPJ271 270OHM 5% 1/16W 1005 R/TP - R
R825	0RJ2700C678	MCR01MZPJ271 270OHM 5% 1/16W 1005 R/TP - R
R826	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R827	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R829	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R843	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R851	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R853	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R854	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R860	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R877	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R880	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R881	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R882	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R883	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R884	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R885	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R886	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R888	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R891	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R892	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/TP ROHM
R900	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R901	0RJ1002D477	MCR03EZPF103 10KOHM 1% 1/10W 1608 R/TP ROH
R902	0RJ2002D477	MCR03EZPF203 20KOHM 1% 1/10W 1608 R/TP ROH
R910	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R911	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R913	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R915	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R916	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R917	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R918	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R919	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R920	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R/TP ROH
R923	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R924	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R925	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R926	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R/TP ROH
R927	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608 R/TP RO
R928	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/TP ROHM
R930	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH
R932	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R933	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/TP ROHM
R934	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R/TP ROH

COILs & FILTERs & INDUCTORs

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
L100	0LC1032101A	Inductor,Multilayer,Chip FI-C3216-103KJT 10UH
L100	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L101	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L102	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L103	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L104	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L105	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L106	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L108	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L109	0LC1032101A	Inductor,Multilayer,Chip FI-C3216-103KJT 10UH
L1101	6210TCE001L	Filter,Bead HB-1T2012-102JT 1000OHM
L1102	6210TCE001L	Filter,Bead HB-1T2012-102JT 1000OHM
L1104	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1105	6210TCE001P	Filter,Bead HB-1S2012-121JT(H:1mm)
L1106	6210TCE001P	Filter,Bead HB-1S2012-121JT(H:1mm)
L1107	6210TCE001P	Filter,Bead HB-1S2012-121JT(H:1mm)
L1108	6210TCE001P	Filter,Bead HB-1S2012-121JT(H:1mm)
L1109	6210TCE001P	Filter,Bead HB-1S2012-121JT(H:1mm)
L1205	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1206	6210TCE001Z	Filter,Bead HH-1M2012-600JT 60OHM CE
L1207	6210TCE001Z	Filter,Bead HH-1M2012-600JT 60OHM CE
L1208	6210TCE001Z	Filter,Bead HH-1M2012-600JT 60OHM CE
L1209	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1210	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1211	6210TCE001L	Filter,Bead HB-1T2012-102JT 1000OHM
L1212	6210TCE001L	Filter,Bead HB-1T2012-102JT 1000OHM
L1213	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1214	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1215	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1216	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1217	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1218	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1219	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1220	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1221	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1222	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L1300	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1301	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1302	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1303	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1304	0LCTO00019A	Inductor,Wire Wound,Chip D75C-646CY-220M=P3 22UH
L1305	0LCTO00019A	Inductor,Wire Wound,Chip D75C-646CY-220M=P3 22UH
L1306	0LCTO00019A	Inductor,Wire Wound,Chip D75C-646CY-220M=P3 22UH
L1307	0LCTO00019A	Inductor,Wire Wound,Chip D75C-646CY-220M=P3 22UH
L1309	6210TCE001S	Filter,Bead HU-1M2012-121D R/TP
L1310	6210TCE001S	Filter,Bead HU-1M2012-121D R/TP
L1311	6210TCE001S	Filter,Bead HU-1M2012-121D R/TP
L1312	6210TCE001S	Filter,Bead HU-1M2012-121D R/TP
L1314	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1315	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1401	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1403	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L1404	EAM37276902	Filter,LCR LCF20P101-TM LPF(EMI)
L1405	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L1406	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L1407	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L1408	EAM37276902	Filter,LCR LCF20P101-TM LPF(EMI)
L1409	EAM37276902	Filter,LCR LCF20P101-TM LPF(EMI)
L1410	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ

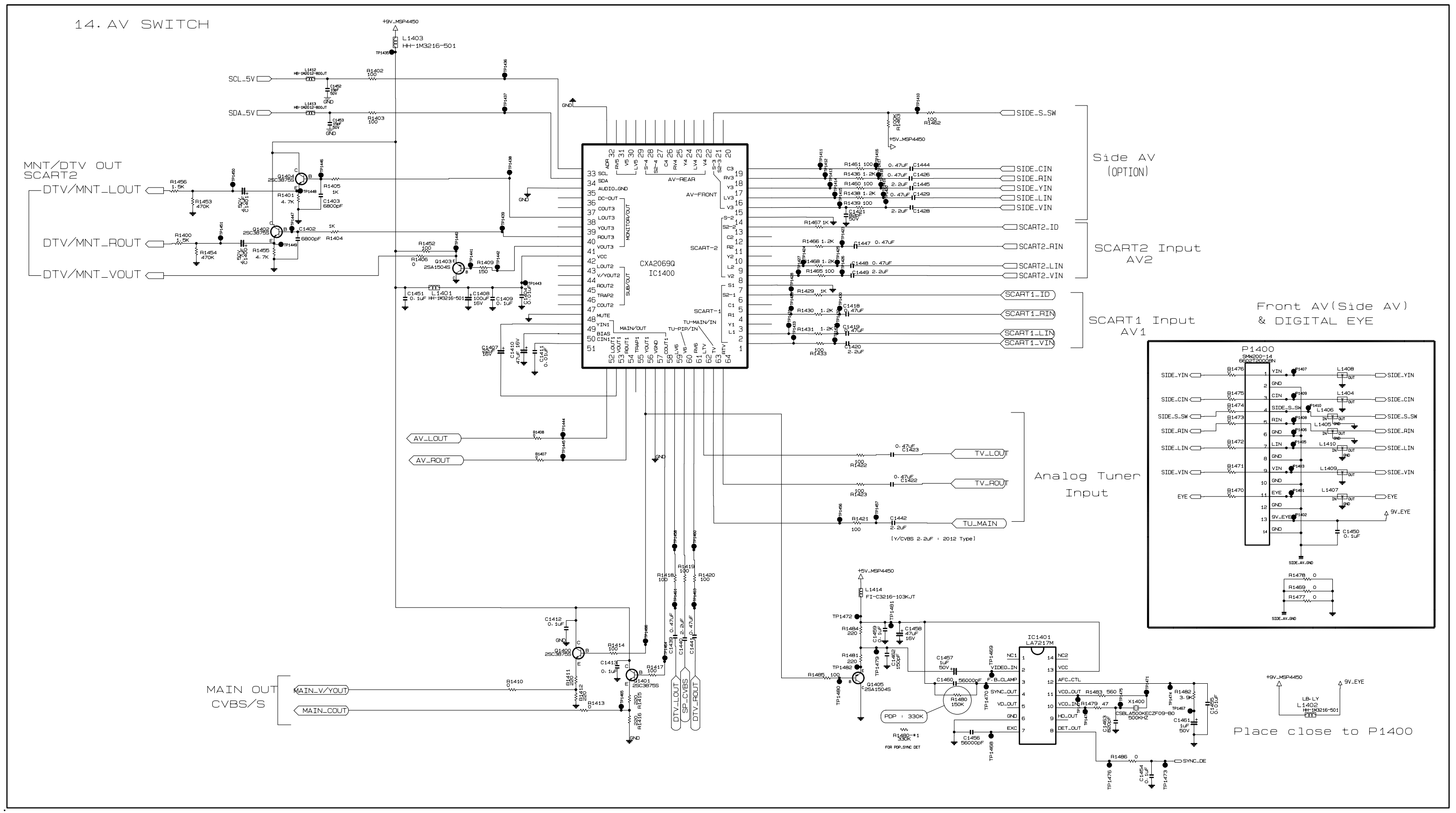
LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
L1412	6210TCE001E	Filter,Bead HB-1M2012-800JT(H:1mm) 80OHM
L1413	6210TCE001E	Filter,Bead HB-1M2012-800JT(H:1mm) 80OHM
L400	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L600	0LCTA00003A	Inductor,Wire Wound,Chip LEMC3225T6R8M 6.8UH
L601	0LCTA00003A	Inductor,Wire Wound,Chip LEMC3225T6R8M 6.8UH
L604	0LC0233002A	Inductor,Multilayer,Chip FI-B2012-332KJT 3.3UH
L605	0LCTA00003A	Inductor,Wire Wound,Chip LEMC3225T6R8M 6.8UH
L606	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L607	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L700	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L701	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L703	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L704	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L705	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L706	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L707	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L800	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L801	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L900	6210TCE001X	Filter,Bead HU-1H4532-121JT 120OHM
L901	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L902	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L903	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L904	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L905	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L906	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L907	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L908	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 25MHZ
L909	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L911	6210TCE001X	Filter,Bead HU-1H4532-121JT 120OHM
L912	6210TCE001X	Filter,Bead HU-1H4532-121JT 120OHM
L913	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L918	6210TCE001X	Filter,Bead HU-1H4532-121JT 120OHM
L919	6210TCE001X	Filter,Bead HU-1H4532-121JT 120OHM
L923	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L925	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
6210VH0001AFilter,Ferrite Core 6210VH0001A 50OHM 25MM 9MM		
CONNECTORs		
J1100	6630G70016A	A03-7071-094 D-SUB 15P 2.29MM STRAIGHT FEMA
J1102	6630G70017A	A02-0915-101 D-SUB 9P 2.77MM STRAIGHT MALE
P100	6602T12005G	12505WR-08A00 8P 1.25MM 1R ANGLE SMD TP NAT
P100	6602T20009C	SMAW200-04P 4P 2.00MM 1R ANGLE DIP ST NATUR
P101	6602T20009C	SMAW200-04P 4P 2.00MM 1R ANGLE DIP ST NATUR
P101	6602T20009N	SMAW200-14P 14P 2.00MM 1R ANGLE DIP ST NATU
P1103	6602T12005G	12505WR-08A00 8P 1.25MM 1R ANGLE SMD TP NAT
P1300	6602T25008B	SMW250-03P 3P 2.50MM 1R STRAIGHT DIP ST NAT
P1301	6602T25008C	SMW250-04P 4P 2.50MM 1R STRAIGHT DIP ST NAT
P1400	6602T20008N	SMW200-14P 14P 2.00MM 1R STRAIGHT DIP ST NA
P800	6630V90116A	FI-X30SSL-HF 30P 1.00MM 1R ANGLE SMD TP WHI
P900	6602T25008M	SMW250-13P 13P 2.50MM 1R STRAIGHT DIP ST NA
P901	6602T25008J	SMW250-10P 10P 2.50MM 1R ANGLE DIP BK BLACK
	6630V90142A	TPH254-R-1419-6A 6P 2.54MM 2R ANGLE DIP BK
	6631900012C	SMH250 SMH250 200mM 2.50MM 10P UL1007 AWG24
	6631900018K	3P(2.5MM) SMH250 TERMINAL 600mM 2.50MM 3P U

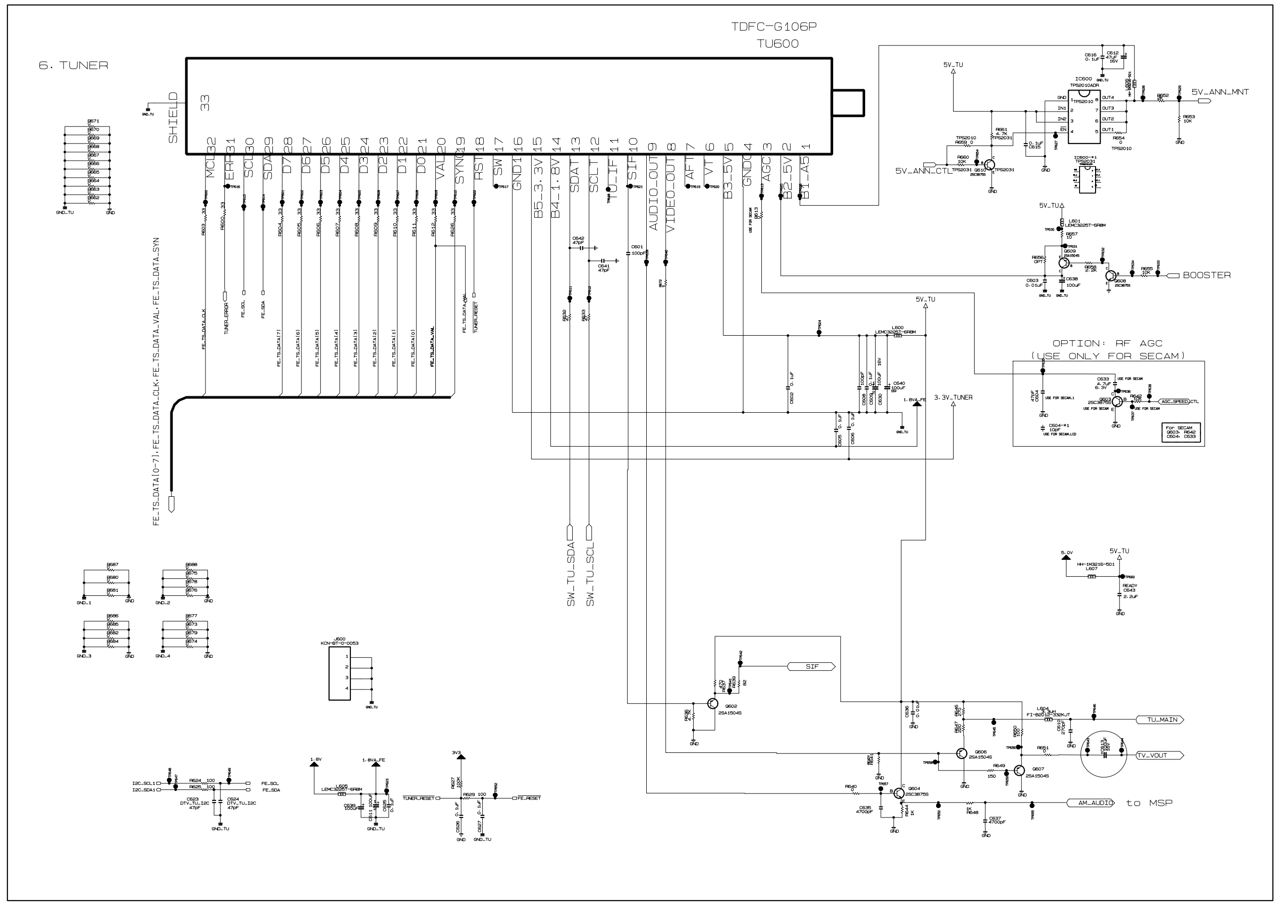
LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
	6631900019R	4p spk(right) SMH250 TERMINAL(35097-9802) 1
	6631900027C	SMH250 SMH250 200mM 2.50MM 13P UL1007 AWG24
	6631T20033E	SMH200-14P SMH200-14P 340mM 2.00MM 14P UL11
	EAD35683002	LVDS LPL STANDARD FI-X30HL(JAE) FI-X30HL(JA
	EAD35907801	BDMR-02VS-2 35001HS-02L 250MM 3.50MM 2P UL3
	EAD35907901	BDMR-02VS-2 35001HS-02L 850MM 3.50MM 2P UL3
	EAD35982701	SMH200-4P SMH200-4P 200MM 2.00MM 4P UL1185
	EAD35982901	12507HS-04L SMH200 350MM 1.25/2.0MM 4P UL10
	EAD35983201	12505HS 12505HS 600MM 1.25MM 8P UL1061 AWG2
	EAD36265201	12505HS 12505HP 70MM 1.25MM 8P UL1061 AWG28
JACKs		
J100	6612J10033A	PMJ016-13 13P DIN/RCA 14MM ANGLE DIP TR DIN
J1000	6612B00015B	DC1R019WDH SOCKET 21P STRAIGHT SMD R/TP
J1001	6612B00015B	DC1R019WDH SOCKET 21P STRAIGHT SMD R/TP
J1101	6612F00099A	PEJ024-01 1P 4P STRAIGHT TR 3.6MM BLACK DIP
J1200	6612M00010A	PSC003-01 21P 21P/1C 3.81MM STRAIGHT DIP TR
J1201	6612M00010A	PSC003-01 21P 21P/1C 3.81MM STRAIGHT DIP TR
J1203	6612J10031B	PPJ209-01 14.0MM 1RX3C ANGLE BK SCREW HOLE
J600	6612J10023A	KCN-BT-0-0053 10.5MM/11.5MM 1RX1C STRAIGHT
	6612BBBHN4D	TOTX177 3P TX 2.54MM ANGLE 15MBPS DIP ST CU
SWITCHes		
SW100	EBF32593901	TMUE312GAB 1C1P 12VDC 0.5A VERTICAL 160GF R
SW101	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZONTAL 160G
SW102	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZONTAL 160G
SW103	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZONTAL 160G
SW104	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZONTAL 160G
SW105	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZONTAL 160G
SW106	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZONTAL 160G
SW107	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZONTAL 160G
SW108	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZONTAL 160G
SW700	EBF32593901	TMUE312GAB 1C1P 12VDC 0.5A VERTICAL 160GF R
OTHERs		
D100	0DLLT0110AA	LED,DIP LTL-1BEHJ-1 ROUND 3MM
IC100	6712000013A	Receiver Module TSOP4438SO1 4.5TO5.5V 1.5MA
IC201	SAA30310938	S/W,Firmware 3.09 CE65 EUROPE FLASHROM
IC802	SAA30310822	S/W,Firmware 3.16 49B1 EUROPE FLASHROM
TU600	EBL32961502	Tuner,Digital TDFC-G106P DVB-T/PAL
X100	6212AC2002B	Crystal 9H03200164 32.768KHZ 20PPM
X101	6212AB2883A	Crystal HC-49SM 27.00000MHZ 27MHZ
X1300	156-A02R	Crystal EUA18.4320F16E33L 18.432MHZ
X700	6212AB2015J	Crystal HC-49SM 19.66080HZ 19.6608HZ
ACCESSORY		
A1	MFL34441603	Manual,Owners PRINTING USER LD61C LG
A2	MKJ32022813	Remote Controller COMPLEX LD73A 26LC4
A3	EAD36223101	Power Cord LP34A+LS60L LP-34A LS-60L
A4	SAC30033609	Title 26LC45-ZA/42PC55-ZB CD MANUA
A5	MCK32795001	Cover MOLD ABS 380 32LC4 ABS
A6	49519K0002A	Plate Assembly SUPPORTER UPPER 26INCH

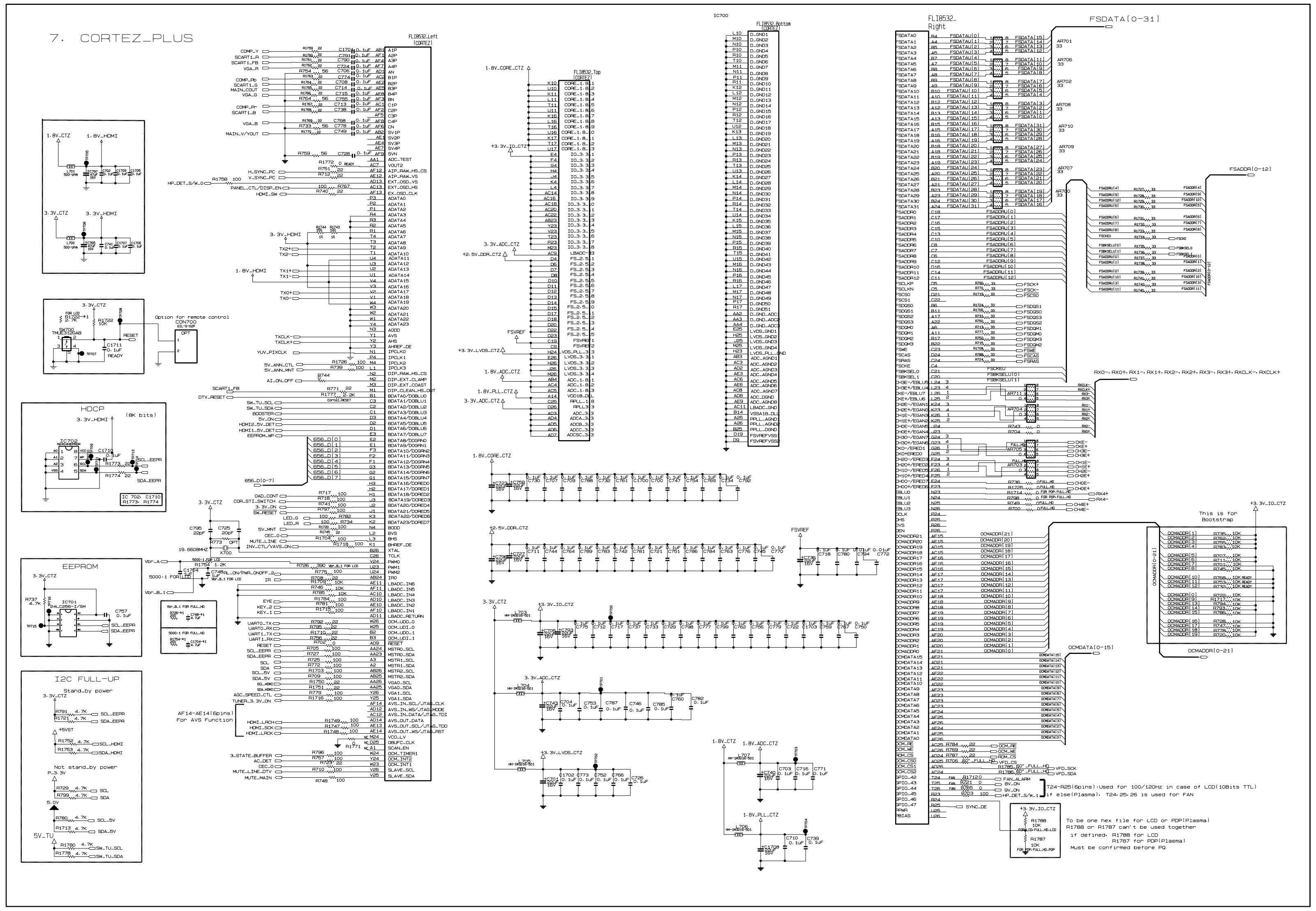


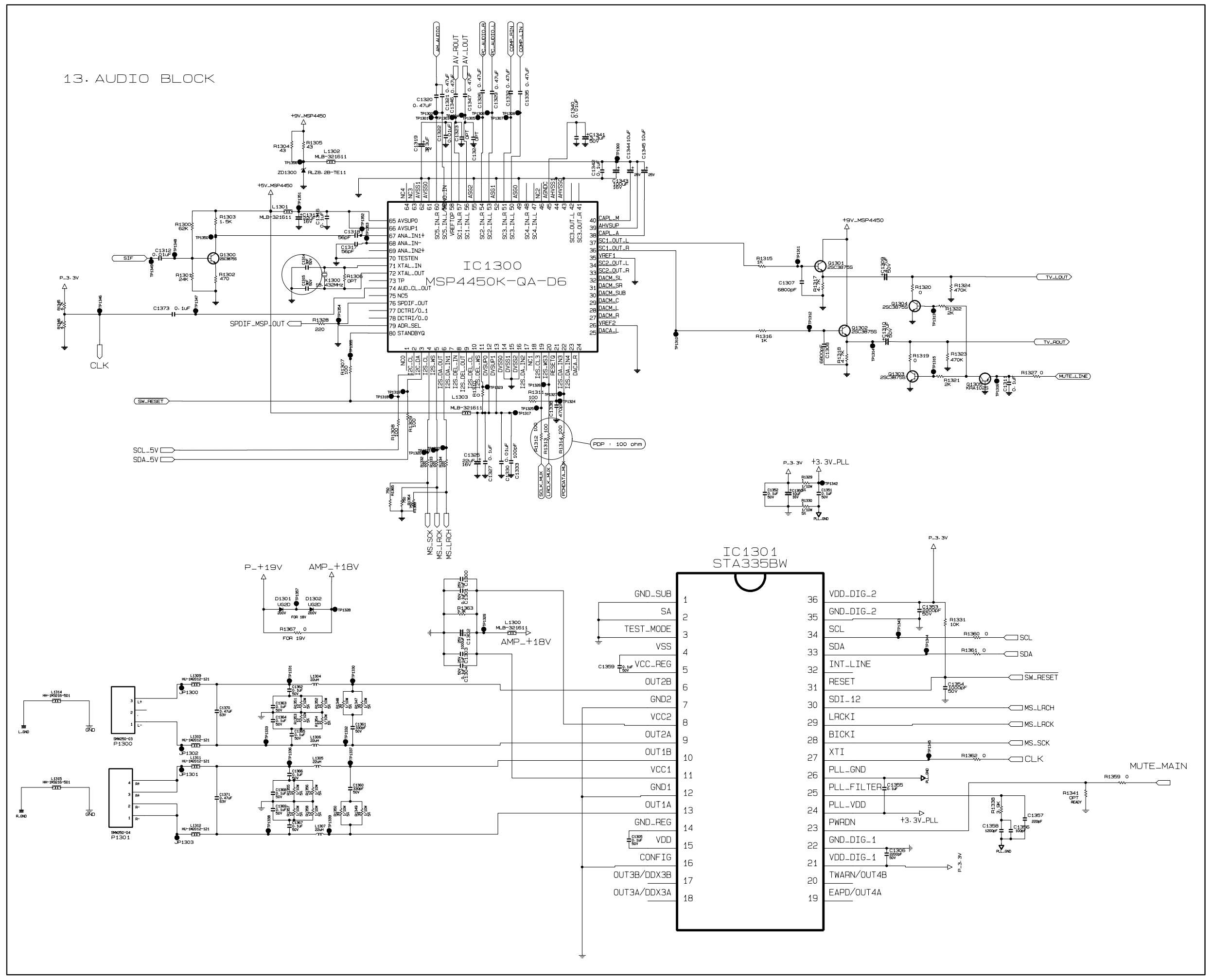
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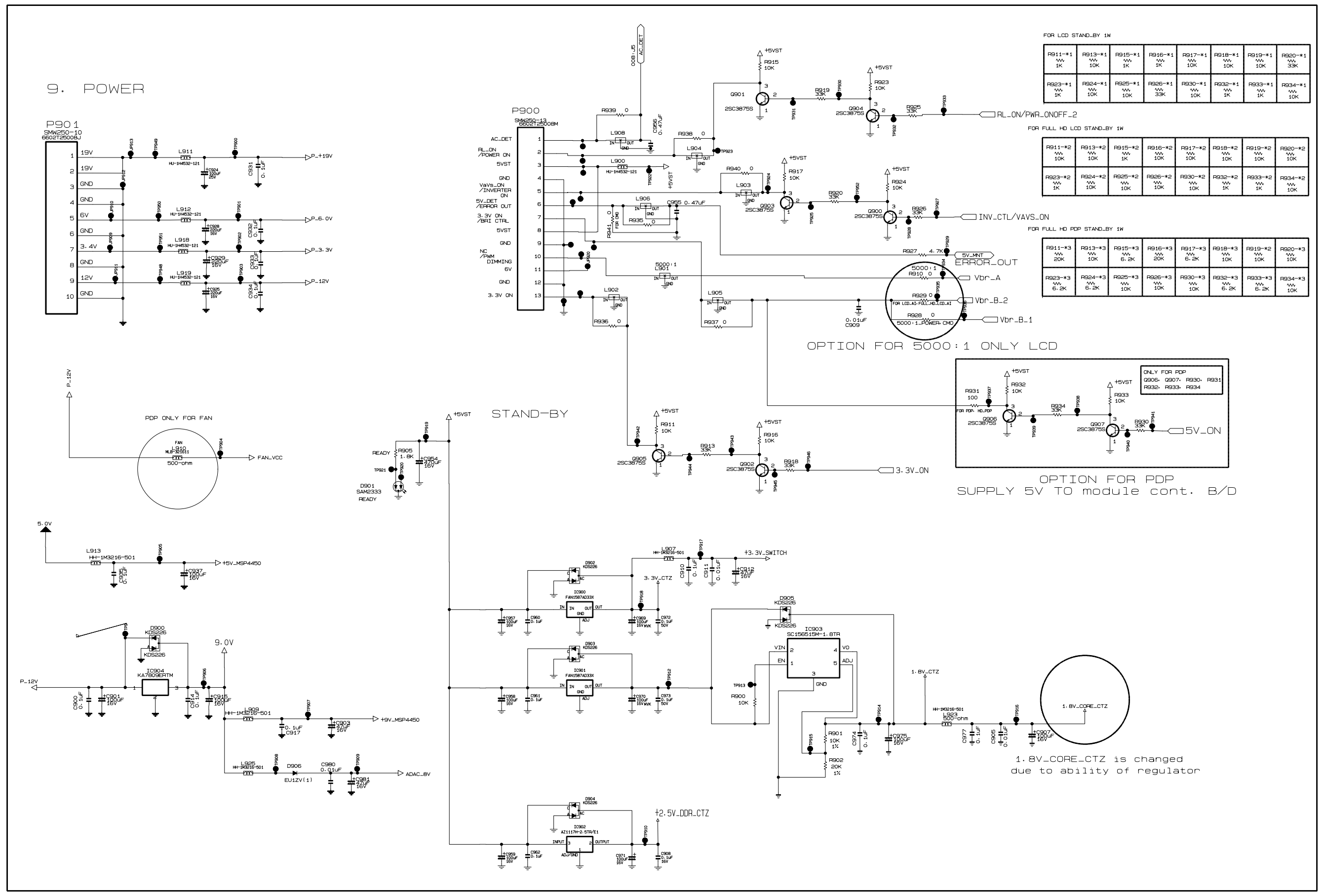
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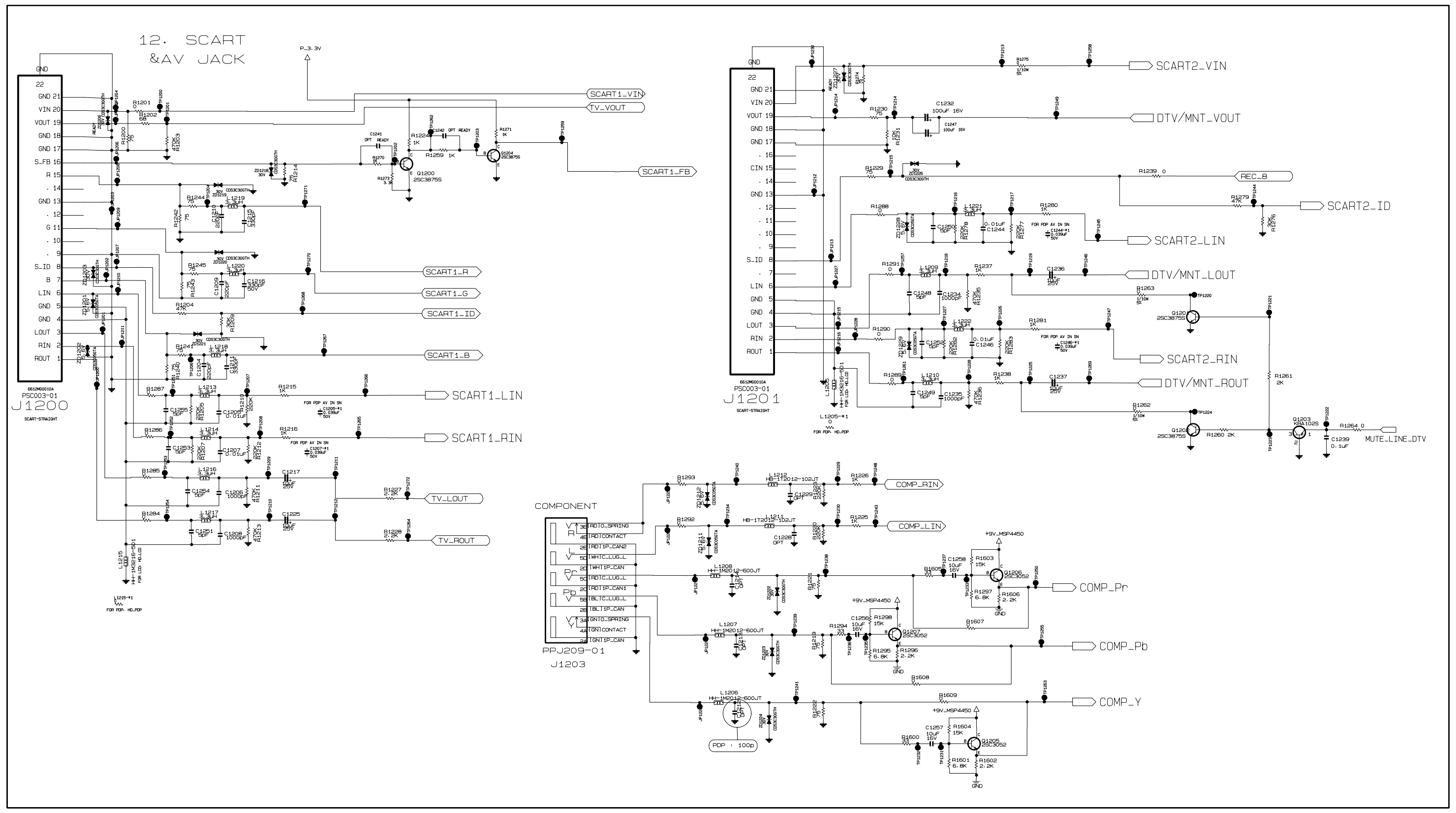

14. AV SWITCH
CXA2069Q
IC1400
Side AV
(OPTION)
SCART2 Input
AV2
SCART1 Input
AV1
Front AV(Side AV)
& DIGITAL EYE
P1400
Analog Tuner
Input
MAIN OUT
CVBS/S
Place close to P1400

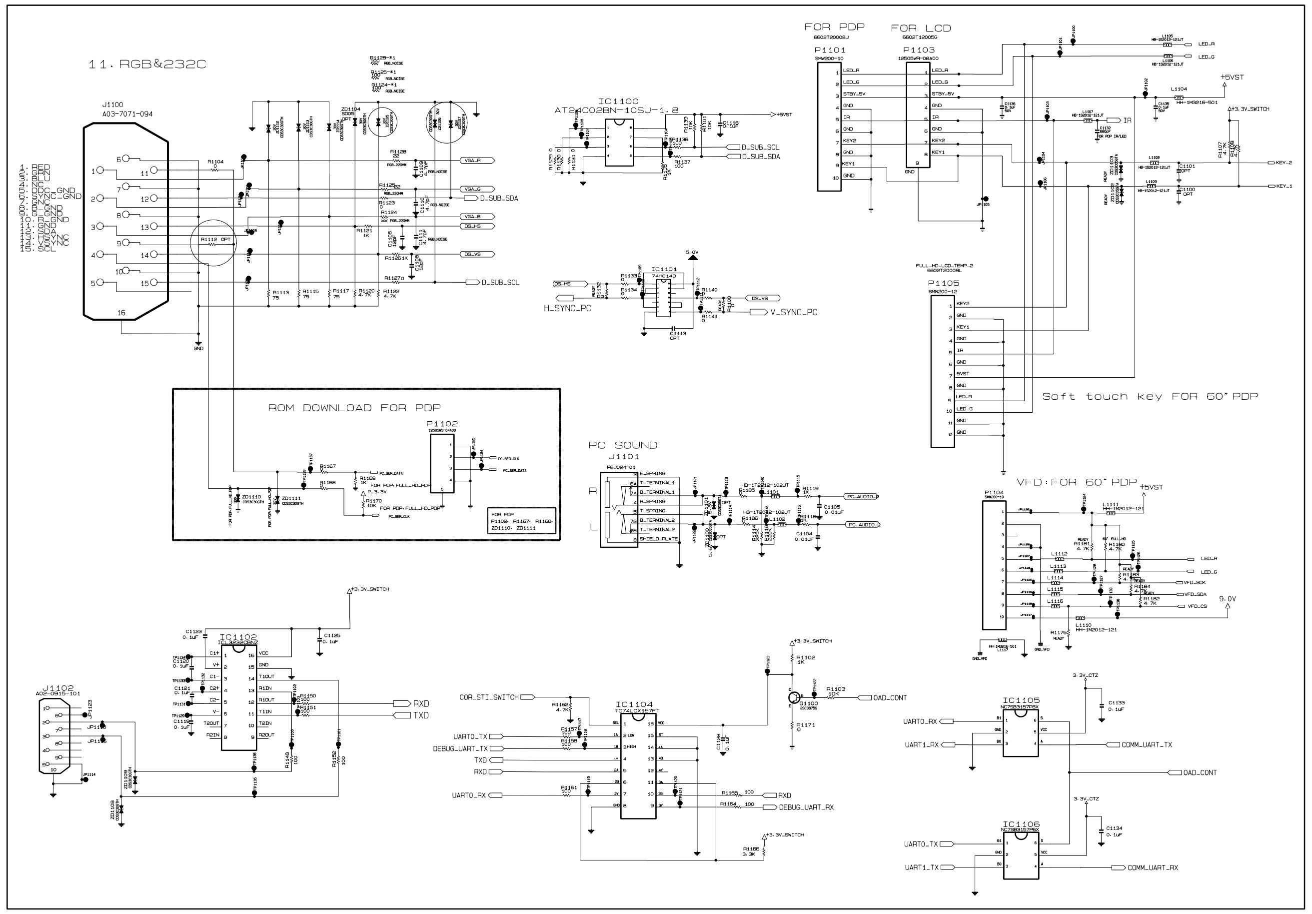

6. TUNER
TDFC-G106P
TU600
OPTION: RF AGC
(USE ONLY FOR SECAM)
BOOSTER
to MSP

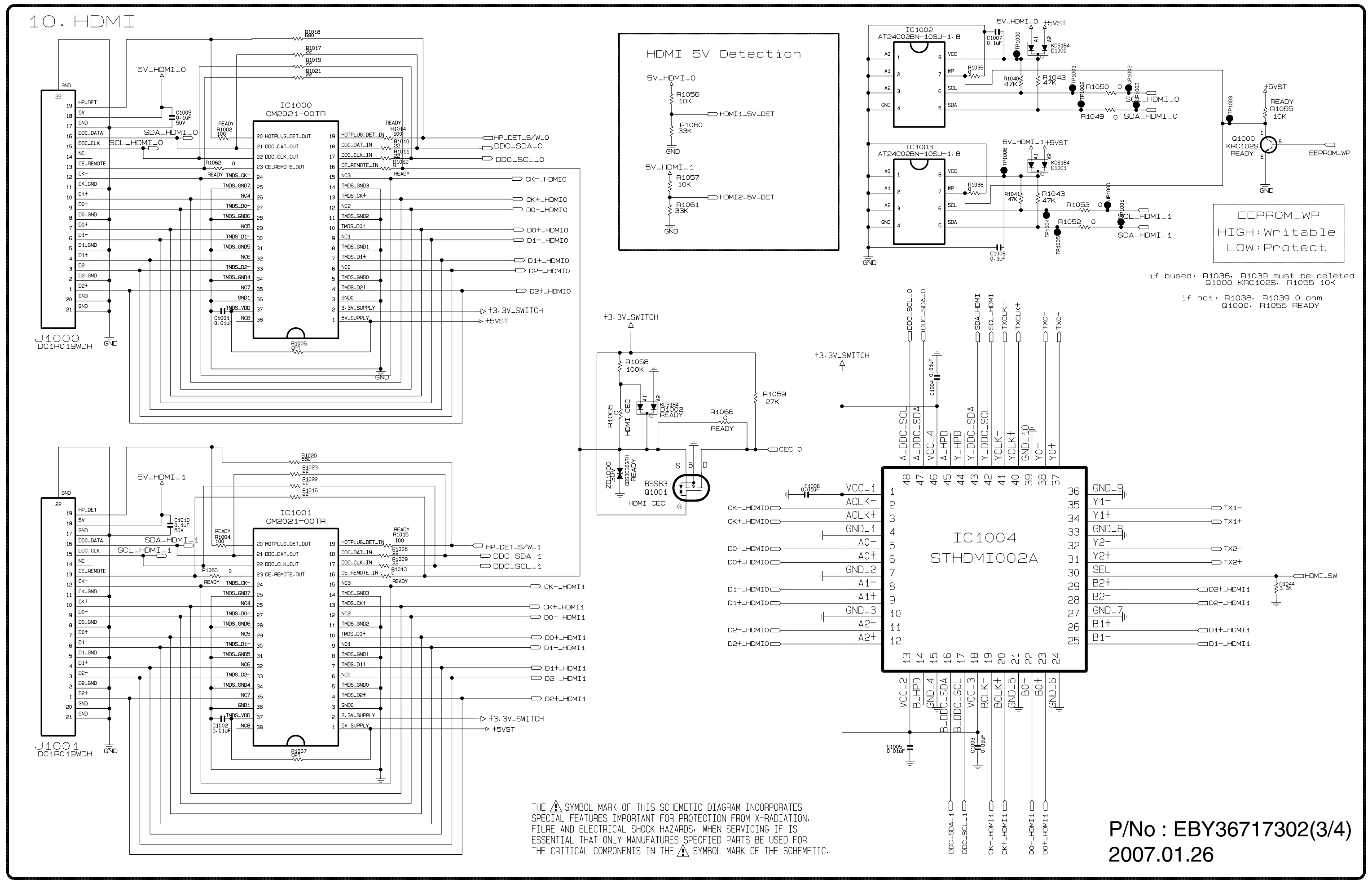

7. CORTEZ_PLUS
HDCP
EEPROM
I2C FULL-UP


13. AUDIO BLOCK
IC1300
MSP4450K-QA-D6
IC1301
STA335BW
MUTE_MAIN


9. POWER
P901
P900
STAND-BY
OPTION FOR 5000:1 ONLY LCD
OPTION FOR PDP
SUPPLY 5V TO module cont. B/D
PDP ONLY FOR FAN
1.8V_CORE_CTZ is changed
due to ability of regulator


12. SCART
&AV JACK
J1200
J1201
COMPONENT
PPJ209-01
J1203
SCART1_VIN
TV_VOUT
SCART1_FB
SCART1_R
SCART1_G
SCART1_ID
SCART1_B
SCART1_LIN
SCART1_RIN
TV_LOUT
TV_ROUT
SCART2_VIN
DTV/MNT_VOUT
REC_8
SCART2_ID
SCART2_LIN
DTV/MNT_LOUT
SCART2_RIN
DTV/MNT_ROUT
MUTE_LINE_DTV
COMP_RIN
COMP_LIN
COMP_Pr
COMP_Pb
COMP_Y


11. RGB&232C
J1100
IC1100
FOR PDP
FOR LCD
P1101
P1103
P1105
Soft touch key FOR 60" PDP
ROM DOWNLOAD FOR PDP
P1102
PC SOUND
J1101
VFD:FOR 60" PDP
IC1102
J1102
IC1104
IC1105
IC1106
H_SYNC_PC
V_SYNC_PC
RXD
TXD
OAD_CONT


10. HDMI
J1000
IC1000
CM2021-00TR
J1001
IC1001
CM2021-00TR
HDMI 5V Detection
IC1002
IC1003
IC1004
STHDMI002A
HDMI CEC
EEPROM_WP
HIGH:Writable
LOW:Protect
if bused: R1038, R1039 must be deleted
Q1000 KRC102S, R1055 10K
if not: R1038, R1039 0 ohm
Q1000, R1055 READY
THE ⚠ SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES
SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION.
FILRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING IF IS
ESSENTIAL THAT ONLY MANUFATURES SPECFIED PARTS BE USED FOR
THE CRITICAL COMPONENTS IN THE ⚠ SYMBOL MARK OF THE SCHEMETIC.
P/No : EBY36717302(3/4)
2007.01.26

LG Electronics Inc.

P/NO : MFL36695308

Mar., 2007
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